

Humboldt Pkwy Apartments





S.A. PROJECT # 24101.01 DATE: 10-23-2025

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ELECTRICAL FLOOR PLANS - LIGHTING ELECTRICAL FLOOR PLANS - POWER

ELECTRICAL FLOOR PLANS - POWER **ELECTRICAL SPECIFICATIONS**

ABBREVIATIONS

FIRE HOSE CABINET

FACE WALL COVERING

GENERAL CONTRACTOR

GYPSUM WALL BOARD

HEATING, VENTILATING, &

FIRE PROOFING

FLOOR DRAIN

FOUNDATION

FOOTING

GRAB BAR

HARDWARE

HARDWOOD

HOLLOW CORE

HORIZONTAL HOSE BIB

HOT WATER

JANITOR

KNOCK OUT

LEFT HAND

LINEAR FEET

LIVE LOAD

LOW POINT

MANHOLE

LONG LEG HORIZONTAL

LIGHT GAUGE METAL

LINTEL

HOLLOW METAL

INSULATE (D) (ION)

INSULATED GLASS

AIR CONDITIONING

FDTN FUR GAL

GYP

LMF

LVR

FRAMING

ΛFF	ABOVE FINISH FLOOR	MFR	MANUFACTURER	SECTION \(\sigma\)
ΛCT	ACOUSTICAL CEILING TILE	MAS	MASONRY	DIRECTION
ΛC	AIR CONDITION (ING)	MO	MASONRY OPENING	A1
LΤ	ALTERNATE	MATL	MATERIAL	A-000
LUM	ALUMINUM	MAX	MAXIMUM	
APPX	APPROXIMATE	MECH	MECHANICAL]
RCH	ARCHITECTURAL	MEMB	MEMBRANE	'
UTO	AUTOMATIC	MET	METAL	CHEET NO
SM	BEAM	MTP	METAL METAL TOILET PARTITION	SHEET NO. — A1
RG	BEARING	MIN	MINIMUM	A 4 A 000
SM	BENCH MARK	MISC	MISCELLANEOUS	A4 A-000
LK	BLOCK	MULL	MULLION	
LKG	BLOCKING	NIC	NOT IN CONTRACT	\parallel A3 \perp
SD	BOARD	NTS	NOT TO SCALE	A3
OT	BOTTOMS	NOM	NOMINAL	
RK	BRICK	NO	NUMBER	$\left\ \left(\begin{array}{c} 01 \end{array} \right) \right\ $
EJ	BRICK EXPANSION JOINT	OC	ON CENTER	
SĆ	BRICK COURSE	OPNG	OPENING	
LDG	BUILDING	OPP	OPPOSITE	
SUR	BUILT-UP ROOFING	OPPH	OPPOSITE HAND	
CLG	CEILING	OH	OVERHEAD	
		PMBC	PRENGINEERED METAL	
CAB	CABINET			, ^
PT	CARPET		GCONTRACTOR	
CW	CASEWORK	PNT	PAINT (ED)	\
СВ	CATCH BASIN	PNL	PANEL	
CEM	CEMENT	PTD	PAPER TOWEL DISPENSER	
T	CERAMIC TILE	PTR	PAPER TOWEL RECEPTACLE	
CHBD	CHALK BOARD	PVMT	PAVEMENT	
CLR	CLEAR	PGBD	PEG BOARD	
COL	COLUMN	PLAS	PLASTER	MATERIAL
CONC	CONCRETE	PLAM	PLASTIC LAMINATE	MAILMAL
CMU	CONCRETE MASONRY UNIT	PL	PLATE	
CONT	CONTINUOUS	POL	POLISHED	
CONTR	CONTRACTOR	PWD	PLYWOOD	EARTH
J	CONTROL JOINT	PT	POINT	
G	CORNER GUARD	PSI	POUNDS PER SQ. INCH	RIGID INSULA
	COURSE	PSF	POUNDS PER SQ. FOOT	RIGID INSULA
CRS			~	ETTENT CVDCLIM DO A I
DET	DETAIL	PREFAB	PREFABRICATED	GYPSUM BOAI
OIA	DIAMETER	PREF	PREFINISHED	
DIM	DIMENSION	PROJ	PROJECTION	/////// METAL
DISP	DISPENSER	PL	PROPERTY LINE	
N	DOWN	QT	QUARRY TILE	WOOD
S	DOWNSPOUT	RAD	RADIUS	
)WG	DRAWING	RWL	RAIN WATER LEADER	PLYWOOD
)F	DRINKING FOUNTAIN	RECPT	RECEPTACLE, ELECTRIC	
OIFF	DIFFUSER	REC	RECESS	NEW PARTITION
ΪA	EACH	REFR	REFRIGERATOR	NEW TAKITIK
IFS	EXTERIOR INSULATION &	REG	REGISTER	ENGOTE IC DAD
INISH SY		REINF	REINFORCE (D) (ING)	EXISTING PAR
LEC	ELECTRICAL	REQ'D	REQUIRED	
L	ELEVATOR	RES	RECESS (ED)	☐ — — ☐ DEMO PARTIT
ELEV	ELEVATION	RCP	REFLECTED CEILING PLAN	
Q E	EQUAL EVILATICE FAN	RET	RETURN	
F	EXHAUST FAN	RA	RETURN AIR	
	G EXISTING	RVS	REVERSE	
<u>I</u>	EXPANSION JOINT	REV	REVISION	
В	FACE BRICK	RH	RIGHT HAND	
ΊN	FINISH (ED)	ROW	RIGHT OF WAY	
Ά	FIRE ALARM	R	RISER	BUILDING 1
EC	FIRE EXTINGUISHER CABINET	RD	ROOF DRAIN	
HC	EIDE HOSE CARINIET	DEC	POOEING	<u> </u>

ROOM ROUND

SADDLE

SHEATHING

SHOWER

SPEAKER

SQUARE

STANDARD

STRUCTURAL

TACKBOARD TELEPHONE

TEMPERATURE

THICK (NESS)

THRESHOLD

TOWEL BAR

UNDERCUT

VERTICAL VESTIBULE

WAINSCOT

FOUNTAIN

TOILET PAPER HOLDER

UNDER CABINET LIGHT

VINYL COMPOSITE TILE

VINYL WALL COVERING

WELDED WIRE FABRIC

WHEELCHAIR DRINKING

VERIFY IN FIELD

SWITCH SHEET VINYL

TEXTURE

TOP OF

STORM DRAIN

STRUCTURAL GLAZED TILE

SPECIFICATIONS

STAINLESS STEEI

CONSTRUCTION TYPE: VB

SHEET IDENTIFICATION LOGIC

A-101 DISCIPLINE DESIGNATOR SHEET TYPE DESIGNATOR SEQUENCE NUMBER

GENERAL CIVIL

LANDSCAPE

STRUCTURAL ARCHITECTURAL

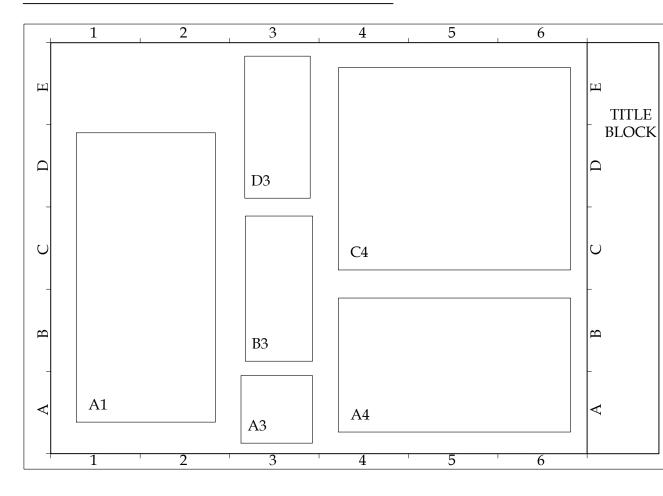
GENERAL

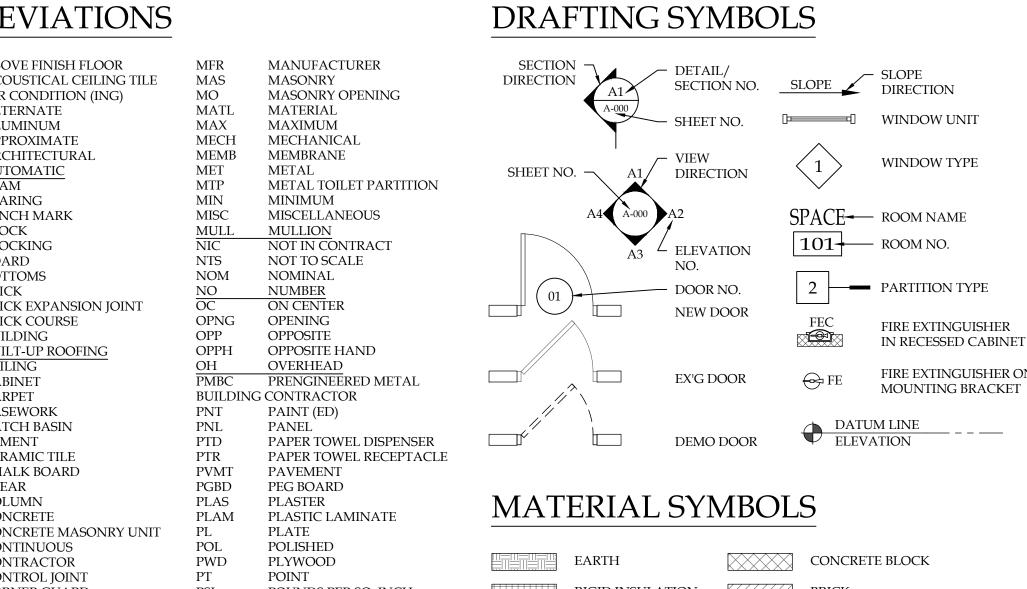
PLANS ELEVATIONS

SECTIONS LARGE SCALE VIEWS

DETAILS SCHEDULES & DIAGRAMS

DRAWING AREA LOGIC





BATT INSULATION POURED CONCRETE COMPACT POROUS GRAVEL GLASS/MIRROR (ELEVATION) WOOD STUD/BLOCKING ACOUSTICAL CEILING TILE

DATA:

OCCUPANCY: R3 SPRINKLERED: NO STORIES: 2 GROSS FLOOR AREA: 2,460 SQ. FT.

ISSUE

2025-10-23 - ISSUED FOR PERMIT

SHEET TYPE DESIGNATOR DISCIPLINE DESIGNATOR

FIRE PROTECTION

PLUMBING MECHANICAL ELECTRICAL

GENERAL NOTES:

- 1. DO <u>NOT</u> SCALE DRAWINGS.
- CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE NEW YORK STATE BUILDING CODES, OSHA STANDARDS AND FIRE SAFETY CODE / RELEVANT SECTIONS OF THE N.F.P.A. & ANY LOCAL CODES BEING MORE RESTRICTIVE THAN THE MINIMUMS LISTED.
- CONSTRUCTION MEANS, METHODS, TECHNIQUES AND CRAFTSMANSHIP ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. G.C. SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. CONTACT ARCHITECT IF MAJOR DISCREPANCIES OCCUR BETWEEN DRAWINGS AND EXISTING CONDITIONS.
- 4. THE CONTRACTOR IS REQUIRED TO INSPECT THE PROJECT SITE IN ORDER TO DETERMINE THE EXTENT OF THE REQUIRED WORK. THIS INSPECTION SHALL BE COMPLETED PRIOR TO THE SUBMISSION OF ANY PROPOSAL TO COMPLETE THIS PROJECT. INSPECTION TIMES SHALL BE COORDINATED WITH THE OWNER.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL INFORMATION ON THE DRAWINGS.
- 6. THESE DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTIONS AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATION TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL BID & PERFORM THE WORK IN ACCORDANCE WITH THE FIELD
- THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR THIS PROJECT WILL BE COMPLETED TO THE SCOPE OF THE PROJECT IN COMPLIANCE WITH THE OWNER AND DESIGN TEAM. ANY CHANGES TO THESE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS WILL ONLY BE DONE BY A CHANGE ORDER THAT IS APPROVED BY THE OWNER'S REPRESENTATIVE.
- 8. CONSIDERATION WILL NOT BE GRANTED FOR ANY ALLEGED MISLINDERSTANDINGS AS TO THE AMOUNT AND / OR SCOPE OF WORK TO BE PERFORMED. TENDER OF PROPOSAL SHALL CONVEY FULL AGREEMENT TO THE ITEMS, AND CONDITIONS INDICATED IN THE CONSTRUCTION DOCUMENTS. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS OR BE IN DOUBT AS TO THE INTENT THEREOF, THE CONTRACTOR SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO SUBMITTING A PROPOSAL FOR THE WORK.
- 9. ALL OWNER SUPPLIED ITEMS WILL BE COORDINATED WITHIN THE GENERAL CONTRACTOR'S CONSTRUCTION SCHEDULES PRIOR TO COMMENCEMENT OF ANY WORK.
- 10. THE CONTRACTOR SHALL COORDINATE HIS WORK AND SCHEDULE WITH THE OWNER FOR ALL BUILDING AND CONSTRUCTION SIGNAGE.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF HIS WORK AND SCHEDULE WITH WORK BEING PERFORMED BY OTHERS AND THE USER/OWNER OF THE BUILDING.
- 12. ALL DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE TO FACE OF CONCRETE OR MASONRY, CENTERLINE OF COLUMNS AND BEAMS, AND FINISH TO FINISH, UNLESS OTHERWISE NOTED.
- 13. THE STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION PRIOR TO PROCEEDING WITH SAID WORK.
- 14. DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY INDICATED OTHERWISE.
- 15. ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING SOME, OR THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.

- 16. CONTRACTOR SHALL VERIFY AND ESTABLISH THE LOCATIONS AND ELEVATIONS OF ALL UTILITIES WITHIN THE WORK AREA, AND SHALL COORDINATE WITH THE OWNER AND THE UTILITY COMPANIES PRIOR TO THE START OF THE PROJECT.
- 17. THE CONTRACTOR SHALL PROVIDE ALL SHORING AND BRACING REQUIRED TO ADEQUATELY PROTECT PERSONNEL AND ADJACENT PROPERTY AND TO INSURE SAFETY OF THE STRUCTURE THROUGHOUT THE CONSTRUCTION PERIOD.
- 18. ALL CEILING HEIGHTS AS SHOWN ON DETAILS OR PLANS OR NOTES ARE FROM TOP OF CONCRETE DECK TO FINISH CEILING. USE OF THE TERM ABOVE FINISH FLOOR (A.F.F.) MEANS MEASURED FROM THE TOP OF CONCRETE DECK. CONTRACTOR SHALL ALLOW FOR AND COORDINATE WORK WITH FLOOR FINISH MATERIAL AND INSTALLATION METHOD.
- 19. PROVIDE INDEPENDENT SUSPENSION FOR ALL LIGHT FIXTURES. SUSPENSION FOR CEILING AND LIGHT FIXTURES SHALL BE INDEPENDENT OF SUSPENSION FOR DUCT WORK.
- 20. ALL EQUIPMENT AND MATERIALS INSTALLED IN THIS JOB SHALL BE NEW AND FREE OF ANY DEFECTS UNLESS OTHERWISE NOTED.
- 21. CONTRACTORS SHALL RECORD ALL DEVIATIONS FROM THE DESIGN DOCUMENTS IN THE DRAWINGS, AND PROVIDE A COPY TO THE ARCHITECT UPON THE COMPLETION OF WORK.
- 22. PROVIDE APPROVED SEPARATION BY MEANS OF COATINGS, GASKETS, OR OTHER EFFECTIVE MEANS TO PREVENT GALVANIC CORROSION BETWEEN ALL DISSIMILAR METALS.
- 23. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS OF THIS PROJECT TO ADJACENT PROPERTY, UTILITIES, PAVEMENT, LANDSCAPING, STRUCTURES OR IMPROVEMENTS OF ANY KIND. THE GENERAL CONTRACTOR SHALL REPAIR ALL SUCH DAMAGED ITEMS TO THE CONDITION THEY WERE IN PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES OR BETTER.
- 24. WHERE IT IS NECESSARY TO INSURE STABILITY, CONTRACTOR IS TO PROVIDE ADDITIONAL ANCHORING AND/OR BLOCKING IN STUD PARTITIONS OR BRACE PARTITIONS ABOVE CEILINGS.
- 25. ROOM IDENTIFICATION AND INTERIOR SIGNAGE BY OWNER, SIGNAGE SHALL COMPLY WITH ADA REQUIREMENTS.
- 26. CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS PER CODE, INCLUDING NFPA 10, AND AS DIRECTED BY THE LOCAL FIRE DEPARTMENT THROUGHOUT BUILDING. FIRE EXTINGUISHER CABINETS SHALL NOT PROJECT MORE THAN 4" BEYOND THE FACE OF THE WALL RECESSED FIRE EXTINGUISHER CABINETS IN FIRE RATED WALLS SHALL HAVE THE SAME FIRE RATING AS THE WALL
- 27. DIMENSIONS TO EXTERIOR WALLS ARE ASSUMED FACE OF FOUNDATION WALL UNLESS OTHERWISE NOTED. ALL INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF FINISHED WALL. ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING, UNLESS OTHERWISE NOTED.
- 28. BEFORE SUBMITTING BID, EXAMINE ALL DRAWINGS RELATED TO THE WORK, BECOME FULLY INFORMED AS TO THE EXTENT AND CHARACTER OF THE WORK OF ALL TRADES AND ITS RELATION TO THE WORK UNDER THE CONTRACT. NO CONSIDERATIONS WILL BE GIVEN FOR ALLEGED MISUNDERSTANDING OF THE MATERIALS TO BE FURNISHED OR THE WORK TO BE DONE.
- 29. CONTRACTOR SHALL REVIEW AND SUBMIT SHOP DRAWINGS SUFFICIENTLY IN ADVANCE OF THE WORK TO ALLOW PROPER TIME FOR REVIEW. MATERIALS SHALL NOT BE FABRICATED OR DELIVERED TO THE SITE BEFORE THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- 30. ALL SUBSTITUTE MANUFACTURERS, EQUIPMENT, MATERIALS AND PRODUCTS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE THE CONTRACTOR IS RESPONSIBLE FOR ALL ASSOCIATED COSTS TO ANY AND ALL BUILDING COMPONENTS THAT ARE AFFECTED BY THE SUBSTITUTIONS. ADDITIONAL COSTS INCLUDE ANY REDESIGN THAT IS REQUIRED DUE TO THE SUBSTITUTION.

- 31. DO NOT SCALE DRAWINGS, THE DIMENSIONS SHOWN ON THE PLANS MAY VARY FROM THE ACTUAL DIMENSIONS IN THE FIELD. IT IS, THEREFORE, IMPERATIVE THAT THE CONTRACTOR, PRIOR TO COMMENCEMENT OF WORK, TAKE EXACT MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND SHOP DRAWINGS. ALL WORKING DRAWINGS PREPARED BY THE CONTRACTOR SHALL INCLUDE A STATEMENT CERTIFYING THAT THOSE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE FIELD MEASURED DIMENSIONS.
- 32. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ARCHITECT WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH THE DOCUMENTS. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE AND COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER. RECOMMENDED BY MANUFACTURER.
- 33. THE LOCATION FOR ALL ITEMS WHEN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE DIAGRAMMATIC. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED AT THE PROJECT AND SHALL HAVE THE APPROVAL OF THE OWNER'S REPRESENTATIVE BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FURNISH AND INSTALL, WITHOUT ADDITIONAL REMUNERATION, ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEMS IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.
- 34. DATA, COMMUNICATION, CABLE, AND SECURITY SYSTEMS ARE PROVIDED BY THE OWNER'S VENDORS. HOWEVER THE ELECTRICAL CONTRACTOR SHALL PROVIDE APPROPRIATE WALL BOXES, CONDUIT WITH PULL STRINGS, ETC. AS REQUIRED FOR ROUGH-IN CONDITIONS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATION OF THESE ITEMS WITH THE OWNER'S VENDORS. ADAAG COMPLIANCE SHALL APPLY.
- 35. MECHANICAL, ELECTRICAL, AND PLUMBING, ARE SCHEMATIC IN NATURE. THEREFORE, IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE ROUTING OF THESE TRADES, AS WELL AS, THE OWNER'S WORK TO ASSURE THAT THESE SYSTEMS DO NOT CONFLICT WITH THE ARCHITECTURAL AND STRUCTURAL ELEMENTS OF THE BUILDING. IF THE GENERAL CONTRACTOR ROUTE THESE ITEMS TO AVOID A CONFLICT, THEN THEY SHALL NOTIFY THE ARCHITECT PRIOR TO STARTING ANY RELATED WORK.
- 36. CONTRACTOR TO PROTECT ALL NEW WORK DURING CONSTRUCTION AND REPLACE DAMAGED MATERIAL IN KIND.
- 37. ALL GYPSUM WALL BOARD TO BE TAPED AND SANDED AT INTERSECTION OF CONSTRUCTION (NO. "J" MOLD)
- 38. PROVIDE CORNER BEAD AT ALL EXPOSED GYPSUM WALL BOARD CORNERS.
- 39. DOOR OPENINGS SHALL BE LOCATED 4" FROM THE NEAREST FACE OF WALL IN MASONRY WALL CONSTRUCTION, UNLESS OTHERWISE
- 40. CONTRACTOR SHALL PROVIDE ALL MATERIALS, FABRICATION, LABOR AND SUPERVISION, ERECTION EQUIPMENT AND APPLIANCES REQUIRED TO INSTALL ALL EQUIPMENT SHOWN ON DRAWINGS AS INDICATED IN THE SPECIFICATIONS.
- 41. THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND PRODUCTS," UNLESS OTHERWISE NOTED.
- 42. CONTRACTOR SHALL COORDINATE HER/HIS WORK WITH THE OWNER SO THAT THERE IS NO INTERFERENCE WITH OWNER'S PERSONNEL OR WORK SCHEDULE.
- 43. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACT.

- 44. SAFE WORKING CONDITIONS ARE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND/OR THE OWNER REQUIREMENTS SHALL APPLY. CARE MUST BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR THE STRUCTURE.
- FROM SITE AND LEAVE THE WORK AREA BROOM CLEAN ON A DAILY BASIS AND PROVIDE DUMPSTER SERVICE. PLACE DUMPSTERS AS DIRECTED BY THE "OWNER'S REPRESENTATIVE"
- 47. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE AGAINST DAMAGE TO EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO

THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.

- 48. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS AND APPROVALS NECESSARY FOR THE COMPLETION OF THE PROJECT.
- 49. ALL NEW MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LATEST WRITTEN INSTRUCTIONS AND
- SELECTIONS WITH THE OWNER. 51. ALL FASTENERS INTO PRESSURE TREATED LUMBER ARE TO BE HOT

MANUFACTURER.

DIPPED GALVANIZED OR STAINLESS STEEL AS RECOMMENDED BY

50. THE CONTRACTOR SHALL COORDINATE ALL FINISHES AND COLOR

SHALL BE OBSERVED. WHERE CONFLICTS EXIST, THE MORE STRINGENT

45. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL DEBRIS

46. CONTRACTOR SHALL FURNISH ALL SCAFFOLDING, HOISTING EQUIPMENT AND ANY OTHER EQUIPMENT THAT MAY BE REQUIRED TO **117** Humboldt Parkway PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER. Buffalo, NY 14214

ISSUE:

ISSUED FOR PERMIT

SA PROJECT TEAM: PRINCIPAL P.Silvestri

PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>

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DOFI PROPERTIES

Humboldt Pkwy

i.e. Building Permit, etc.



TITLE:

GENERAL NOTES



SA JOB #: DATE:

DRAWING #:

24101.01

NOTICE This document, the property of, prepared and issued by the architect, is submitted for the specific project GENERAL WALL NOTES namely _____ features peculiar to this design shall not be • SEE SPECIFICATIONS FOR APPLICATIONS OF GYPSUM PRODUCTS, UNLESS NOTED ON DRAWINGS. REFER TO SPECIFICATIONS FOR SPECIAL APPLICATIONS, THICKNESS, completion of the project or upon the request of the AND TYPES. (I.E. MOLD & MOISTURE RESISTANCE, TILE BACKER BOARDS, ETC.) • REFER TO THE LATEST EDITION OF UNDERWRITERS LABORATORIES, INC. FIRE RESISTANCE DIRECTORY FOR and all public authorities for the purpose of ADDITIONAL REQUIREMENTS ON UL RATED ASSEMBLIES AS compliance with Codes and or Ordinances, NOTED IN THE WALL SCHEDULE. i.e. Building Permit, etc. • USE ONLY PARTITIONS IDENTIFIED ON THE PLANS. • STC = SOUND TRANSMISSION CLASS - REFER TO THE WALL SCHEDULE IN PLAN FOR WALLS THAT ARE SOUND RATED. • ALL SEALANTS IN RATED WALL LOCATIONS REFERENCED IN THE WALL TYPE DETAILS SHALL BE SELECTED AND INSTALLED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE UNDERWRITERS LABORATORIES, INC FIRE RESISTANCE DIRECTORY. IN ADDITION TO FIRE RESISTANCE, WALL LOCATIONS CALLED OUT WITH REQUIRED ACOUSTICAL VALUE, AS NOTED IN WALL SCHEDULE, SHALL HAVE SEALANTS THAT MAINTAIN THE MINIMUM SOUNDS VALUE OF THE WALL PARTITION FIRE CAULK ALL PENETRATIONS IN RATED WALL ASSEMBLIES. • ASSEMBLIES SHOULD BE AIRTIGHT. HAIRLINE CRACKS AND HOLES ARE NOT ALLOWED. **DOFI PROPERTIES** • RECESSED WALL FIXTURES SUCH AS CABINETS, OUTLETS, AND OTHER ITEMS WHICH PENETRATE THE GYPSUM BOARD SURFACE SHOULD NOT BE LOCATED BACK TO BACK IN THE SAME STUD CAVITY. • ANY OPENINGS CUT FOR ANY FIXTURES SHALL BE CAREFULLY CUT TO SIZE, PROPERLY FASTENED, INSULATED PER WALL ASSEMBLY AND PROPERLY CAULKED. • THE ENTIRE PERIMETER OF A SOUND INSULATING ASSEMBLY MUST BE MADE AIRTIGHT TO PREVENT SOUND **117** Humboldt Parkway Buffalo, NY 14214 FROM "FLANKING". • AN ACOUSTICAL SEALANT SHOULD BE USED TO SEAL BETWEEN THE SOUND INSULATING ASSEMBLY AND ALL DISSIMILAR ASSEMBLIES AND BETWEEN THE ASSEMBLY AND SIMILAR SURFACES WHERE PERIMETER RELIEF IS REQUIRED. TAPING AND CAULKING OF GYPSUM BOARD WALL AND ISSUE: WALL-CEILING INTERSECTIONS PROVIDES AN ADEQUATE AIR SEAL AT THESE LOCATIONS. 10-23-25: ISSUED FOR PERMIT • ASTM RECOMMENDED PRACTICES E-497 SHOULD BE FOLLOWED FOR GOOD SOUND CONTROL. ALSO CONSULT THE MANUFACTURER OF THE GYPSUM BOARD FOR ANY SPECIAL RECOMMENDATIONS RELATING TO THEIR SYSTEM. PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u> JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u> ** PROVIDE WATER/ MOLD ** PROVIDE WATER/ MOLD RESISTANT GWB @ TOILET RESISTANT GWB @ TOILET ROOM WALLS ROOM WALLS SHIM AS REQ'D. TO MATCH SHIM AS REO'D. TO MATCH EXISTING WALL THICKNESS EXISTING WALL THICKNESS WHERE USED AS INFILL WHERE USED AS INFILL BOARD ON EACH SIDE - EXISTING 2 x 4 WOOD (CORRIDOR WALLS & STUDS @ 16" O.C. — 2 x 4 WOOD DEMISING WALLS) STUDS @ 16" O.C. TITLE: - 5/8" GWB ** FASTENED TO ONE SIDE OF EXISTING 2 x 4 WOOD (1) LAYER \(\frac{5}{8}\)" GWB ** STUDS @ 16" O.C. (INFILL FÁSTENED TO EACH CHANNELS @ 24" O.C. STUDS WHERE REQ'D.) SIDE OF 2 x 4 WOOD STUDS @ 16" O.C. R-21 BATT INSULATION - 3 ½" SOUND BATT - 3 ½" SOUND BATT W/VAPOR BARRIER INSULATION INSUL. @ TOILET & DETAILS ROOM WALLS — EXISTING 2 x 4 SILL PLATE — 2 x 4 WOOD SILL PLATE / 2 x 4 WOOD SILL PLATE WALL BASE AS SPECIFIED WALL BASE AS WALL BASE AS FLOOR CONSTRUCTION — FLOOR CONSTRUCTION - FLOOR CONSTRUCTION SPECIFIED -SPECIFIED -2 x 4 WOOD — 2 x 4 WOOD - EXIST. 2 x 4 WOOD CHANNELS @ 24" O.C. STUDS @ 16" O.C. STUDS @ 16" O.C. — STUDS @ 16" O.C., V.I.F. 1 LAYER %" TYPE 'X' GYP. - R-21 BATT 1 LAYER 5/8" GYP. 5⁄8" GYP. BOARD - 3½" SOUND BATT 3 ½" SOUND BATT BOARD ON EACH SIDE INSULATION @ TOILET BOARD ON EACH SIDE INSULATION W/ ON ONE SIDE INSULATION (CORRIDOR WALLS & ROOM WALLS VAPOR BARRIER DEMISING WALLS) STANDARD ACOUSTICAL 2 x 4 PARTITION ONE-SIDED 2 x 4 PARTITION **ONE-HOUR RATED DEMISING WALL** NEW STUD WALL OR INFILL UL Design No. U305 AT EXISTING WALL STUDS - BEARING WALL RATING - 1 HR. USE MOISTURE & MOLD RESISTANT USE MOISTURE & MOLD RESISTANT GYP. BD. AT ALL WET LOCATIONS GYP. BD. AT ALL WET LOCATIONS - INSTALL ACOUSTICAL SEALANT @ TOP & BOTTOM OF ALL DEMISING WALLS. STANDARD 2 x 4 PARTITION - STC 50 MIN. NO SOUND BATT INSULATION REQ'D. SA JOB #: DATE: **ONE-HOUR RATED DEMISING WALL** 24101.01 - EXISTING 2 x 4 STUDS STANDARD ACOUSTICAL 2 x 6 PARTITION NEW STUD WALL OR INFILL DRAWING #: A-101 USE MOISTURE & MOLD RESISTANT GYP. BD. AT ALL WET LOCATIONS

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Humboldt Pkwy Apartments

SA PROJECT TEAM: PRINCIPAL P.Silvestri

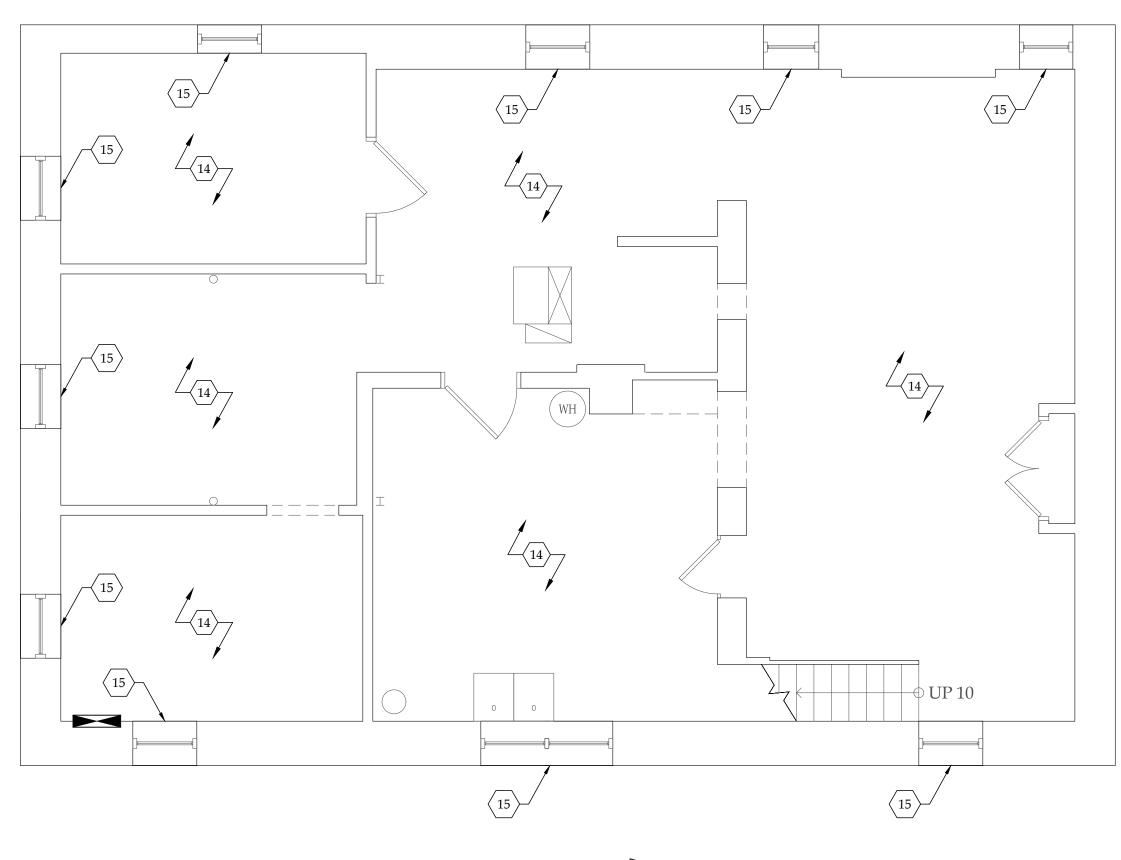


PARTITION TYPES



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

10-23-25



$\langle \mathsf{x} angle$ DEMOLITION PLAN NOTES:

- \langle 1. \rangle REMOVE EXISTING CARPETING OR FLOORING MATERIAL & RUBBER COVE BASE OR SHOE MOLDING THROUGHOUT - FLOORS & STEPS - INCLUDING ANY TACK STRIPS AND ADHESIVES DOWN TO EXISTING WOOD SUB FLOOR OR TREADS. INFILL, CLEAN & OTHERWISE PREPARE ALL SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW FINISHES, (SEE FLOOR FINISH PLANS & SCHEDULES).
 - 2. CAREFULLY REMOVE EXISTING WALL PARTITION IN IT'S ENTIRETY OR TO THE EXTENT SHOWN DASHED. BRACE & SHORE ALL CONSTRUCTION TO REMAIN AS REQ'D. TO MAINTAIN STRUCTURAL INTEGRITY, (SEE STRUCTURAL DWGS.) DISCONNECT & REMOVE ALL PLUMBING & ELECTRICAL DEVICES - INCLUDING LIGHT FIXTURES, SWITCHES, OUTLETS, ALL ASSOCIATED WIRING, JUNCTION BOXES, CONDUITS FIRE ALARMS, STROBES, WATER SUPPLY & DRAIN LINES, ETC. BACK TO SOURCE. COORDINATE ALL DEMOLITION WORK W/MEP DEMOLITION DRAWINGS. COORDINATE SALVAGE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
 - (3.) DISCONNECT, REMOVE & DISPOSE OF EXISTING SINK, PAPER TOWEL DISPENSER, BASE & WALL CABINETS IN THEIR ENTIRETY, (SEE MEP DEMOLITION DWGS.), COORDINATE SALVAGE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
 - \langle 4. \rangle CAREFULLY REMOVE EXISTING CERAMIC WALL TILE INCLUDING BACK SPLASH & TILE BASE. INFILL, CLEAN & OTHERWISE PREPARE ALL SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW FINISHES, (SEE FLOOR FINISH PLANS & SCHEDULES).
- (5.) REMOVE EXISTING WALL MOUNTED FIRE EXTINGUISHER, MOUNTING HARDWARE & SIGNAGE. COORD. SALVAGE &/OR DISPOSAL WITH OWNER.
- ⟨ 6. ⟩ DISCONNECT & REMOVE ILLUMINATED EMERGENCY LIGHT OR EXIT SIGN & ALL ASSOCIATED WIRING, SURFACE MOUNTED CONDUIT & JUNCTION BOXES. COORDINATE ALL ELECTRICAL DEMOLITION WITH MEP CONTRACTOR & ELECTRICAL DRAWINGS.
- $\langle 7. \rangle$ REMOVE EXISTING DOOR & ASSOCIATED HARDWARE & EITHER STORE FOR POSSIBLE REUSE OR COORDINATE DISPOSAL WITH OWNER.
- (8.) DISCONNECT & REMOVE TOILET, SINK, SHOWER, AUTOMATIC PAPER TOWEL DISPENSER, SOAP DISPENSER, ETC. (SHOWN DASHED). TEMPORARILY CAP WATER SUPPLY, VENT & DRAIN LINES TO THE EXTENT REQUIRED TO ALLOW FOR NEW FINISH & FIXTURE INSTALLATIONS, (COORD. ALL DEMOLITION W/PLUMB. & ELECT. DWGS.)
- (9.) REMOVE & DISPOSE OF ALL EXISTING WINDOW SHADES, CURTAINS & ASSOCIATED MOUNTING HARDWARE THROUGHOUT.
- (10.) DISCONNECT & CAREFULLY REMOVE ALL ABANDONED DATA EQUIPMENT INCLUDING ALL ASSOCIATED RACKS, CABLES, CONDUIT, PORTS, OUTLETS, INTEGRATED CIRCUITS, ETC. THROUGHOUT ENTIRE HOUSE. COORDINATE SALVAGE AND/OR DISPOSAL OF ALL DEVICES & EQUIPMENT WITH OWNER.
- $\langle 11. \rangle$ DISCONNECT, REMOVE & DISPOSE OF EXISTING COUNTERTOP & CABINETS IN THEIR ENTIRETY, (SEE MEP DEMOLITION DWGS.), COORDINATE SALVAGE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
- (12.) REMOVE & DISPOSE OF EXIST. WALL-MOUNTED SHELVING.
- (13.) REMOVE PEELING MORTAR & EFFLORESCENCE WHERE OCCURS. REPAIR, RE-POINT & CLEAN BRICK VENEER & EXPOSED FOUNDATION WALLS WHERE NECESSARY AT ENTIRE BUILDING PERIMETER - FULL HEIGHT -INCLUDING BRICK CHIMNEYS & FRONT PORCH.
- (14.) ALL BASEMENT FLOOR & WALL SURFACES ARE TO BE CLEANED & PREPARED TO THE EXTENT REQUIRED FOR NEW FINISHES. COORDINATE EXACT SCOPE OF BASEMENT WORK WITH OWNER.
- RE-GLAZED WHERE REO'D., OR REPLACED IN KIND. G.C. SHALL ENSURE WATER-TIGHTNESS @ ALL LOCATIONS.

 $\langle 15. \rangle$ existing basement windows to be repaired, re-callked,

- \langle 16. \rangle REMOVE FLOOR MOUNTED AIR DIFFUSER GRATE & STORE FOR POSSIBLE REPAIR, REFINISHING & REUSE, CLEAN & PREPARE OPENING FOR GRATE REINSTALLATION OR REPLACEMENT, TYP.
- (17.) REMOVE & DISPOSE OF ALL SUSPENDED CEILING TILES THROUGHOUT. IN SOME CASES THE SUSPENDED GRID SYSTEM SHALL REMAIN & BE REPAINTED/MODIFIED TO SUIT NEW LAYOUT, COORDINATE REMOVALS WITH REFLECTED CEILING PLANS.
- (18.) DISCONNECT & REMOVE EXISTING RECESSED OR SURFACE MOUNTED CEILING LIGHT FIXTURES, COORDINATE THE REWORKING OF ALL ELECTRICAL - SWITCHES, OUTLETS, DEVICES, ETC. WITH ELECTRICAL CONTRACTOR PRIOR TO ANY ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING APPLICABLE CIRCUITS. COORDINATE SALVAGE, REUSE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
- \langle 19. \rangle EXISTING CEILING MOUNTED MECHANICAL SUPPLY & RETURN AIR DIFFUSERS ARE TO REMAIN & BE REFINISHED/REPAINTED, PROTECT & TEMPORARILY SECURE TO ALLOW FOR NEW CEILING PANEL INSTALLATION. COORDINATE EXTENT OF DEMOLITION, SALVAGE, REUSE OR REPLACEMENT OF ALL ITEMS WITH OWNER.

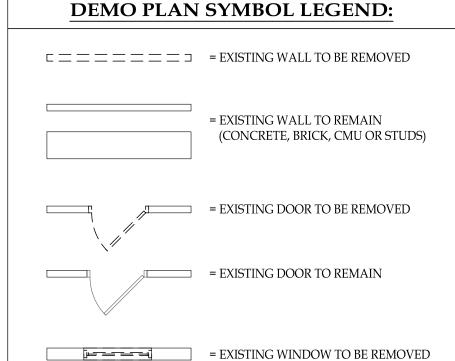
GENERAL DEMOLITION NOTES:

- THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING.
- THE CONTRACTOR IS TO PROTECT EXISTING WALLS, FLOORS & ANY OTHER ITEMS TO REMAIN DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL DEMOLISHED ITEMS FROM THE SITE. ALL DEMOLISHED ITEMS TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.
- DEMO CONTRACTOR TO PROVIDE **DUMPSTERS & MEANS OF MATERIAL** REMOVAL FROM SITE, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS & AUTHORITIES HAVING JURISDICTION.
- DEMO CONTRACTOR TO PROVIDE PROOF OF INSURANCE TO ARCHITECT AND OWNER.
- DEMO CONTRACTOR IS RESPONSIBLE FOR CONTINUOUS ON SITE SUPERVISION.
- CONTRACTOR SHALL SHORE & BRACE ANY FLOOR, WALL OR ROOF SYSTEM INVOLVED
- ANY ITEM NOT SPECIFICALLY CALLED OUT TO BE REMOVED OR RELOCATED, BUT NECESSARY TO DO AS PART OF THE PROJECT, SHALL BE REMOVED & STORED ON SITE IF
- ALL DOORS, FRAMES & ASSOCIATED HARDWARE THAT ARE TO BE REMOVED WITHIN DEMOLITION AREA SHALL BE SALVAGED & TURNED OVER TO OWNER OR STORED AND REUSED ELSEWHERE WITHIN PROJECT AREA. COORDINATE ALL SALVAGE & REUSE WITH OWNER.
- THIS DEMOLITION DRAWING ONLY PROVIDES A BASIC SCOPE OF WORK AND SHOULD NOT BE REFERENCED FOR OTHER
- REMOVAL OF ALL LEAD AND ASBESTOS MATERIALS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LAWS, ORDINANCES, OSHA STANDARDS AND APPLICABLE CODES.

- CONTRACTOR SHALL FIELD VERIFY
- IN GENERAL, ALL EXISTING ELECTRICAL, MECHANICAL & PLUMBING SYSTEMS WILL

- DEMOLITION OR CONSTRUCTION AND IS TO
- THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL ITEMS INDICATED, IMPLIED OR OTHERWISE NECESSARY TO ALLOW FOR NEW CONSTRUCTION.
- DEMO CONTRACTOR TO CARRY FORTH DAILY CLEAN UP OF SITE.

- IN SUBSTANTIAL DEMOLITION THAT COULD EFFECT THE STRUCTURAL INTEGRITY OF THE
- WALLS, DOORS & EQUIPMENT NOT DASHED ARE EXISTING TO REMAIN.
- PATCH & REPAIR EXISTING SURFACES DAMAGED BY DEMOLITION. ALL REPAIR WORK SHALL MATCH EXISTING, ADJACENT MATERIALS & METHODS.
- ALL EXISTING SURFACES LEFT EXPOSED AFTER DEMOLITION SHALL BE PROTECTED AND SAFEGUARDED FROM EXPOSURE FROM WEATHER AND OR DAMAGE FROM CONSTRUCTION DURING CONSTRUCTION.
- THESE FLOOR PLANS ARE DIAGRAMMATIC.
- LOCATIONS FOR ALL ITEMS WITHIN BUILDING.
- REMAIN AND BE AUGMENTED AS NECESSARY. COORDINATE ALL DEMOLITION WORK WITH THE MECHANICAL, PLUMBING & ELECTRICAL



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BASEMENT DEMOLITION PLAN

117 Humboldt Parkway Buffalo, NY 14214

10-23-25: ISSUED FOR PERMIT

SA PROJECT TEAM: PRINCIPAL P.Silvestri

PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>

BASEMENT &

FIRST FLOOR

DEMOLITION

PLANS

ISSUE:

TITLE:

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Humboldt Pkwy

Apartments

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SECOND FLOOR PLAN

$\langle x \rangle$ DEMOLITION PLAN NOTES:

- \langle 1. \rangle REMOVE EXISTING CARPETING OR FLOORING MATERIAL & RUBBER COVE BASE OR SHOE MOLDING THROUGHOUT - FLOORS & STEPS - INCLUDING ANY TACK STRIPS AND ADHESIVES DOWN TO EXISTING WOOD SUB FLOOR OR TREADS. INFILL, CLEAN & OTHERWISE PREPARE ALL SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW FINISHES, (SEE FLOOR FINISH PLANS & SCHEDULES).
 - 2. CAREFULLY REMOVE EXISTING WALL PARTITION IN IT'S ENTIRETY OR TO THE EXTENT SHOWN DASHED. BRACE & SHORE ALL CONSTRUCTION TO REMAIN AS REO'D. TO MAINTAIN STRUCTURAL INTEGRITY, (SEE STRUCTURAL DWGS.) DISCONNECT & REMOVE ALL PLUMBING & ELECTRICAL DEVICES - INCLUDING LIGHT FIXTURES, SWITCHES, OUTLETS, ALL ASSOCIATED WIRING, JUNCTION BOXES, CONDUITS FIRE ALARMS, STROBES, WATER SUPPLY & DRAIN LINES, ETC. BACK TO SOURCE. COORDINATE ALL DEMOLITION WORK W/MEP DEMOLITION DRAWINGS. COORDINATE SALVAGE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
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- \langle 6. \rangle DISCONNECT & REMOVE ILLUMINATED EMERGENCY LIGHT OR EXIT SIGN & ALL ASSOCIATED WIRING, SURFACE MOUNTED CONDUIT & JUNCTION BOXES. COORDINATE ALL ELECTRICAL DEMOLITION WITH MEP CONTRACTOR & ELECTRICAL DRAWINGS.
- \langle 7. \rangle REMOVE EXISTING DOOR & ASSOCIATED HARDWARE & EITHER STORE FOR
- (8.) DISCONNECT & REMOVE TOILET, SINK, SHOWER, AUTOMATIC PAPER TOWEL DISPENSER, SOAP DISPENSER, ETC. (SHOWN DASHED). TEMPORARILY CAP WATER SUPPLY, VENT & DRAIN LINES TO THE EXTENT REQUIRED TO ALLOW FOR NEW FINISH & FIXTURE INSTALLATIONS, (COORD. ALL DEMOLITION W/PLUMB. & ELECT. DWGS.)
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(15.) EXISTING BASEMENT WINDOWS TO BE REPAIRED, RE CAULKED,

- REPAIR, REFINISHING & REUSE, CLEAN & PREPARE OPENING FOR GRATE REINSTALLATION OR REPLACEMENT, TYP.
- (17.) REMOVE & DISPOSE OF ALL SUSPENDED CEILING TILES THROUGHOUT. IN SOME CASES THE SUSPENDED GRID SYSTEM SHALL REMAIN & BE REPAINTED/MODIFIED TO SUIT NEW LAYOUT, COORDINATE REMOVALS (18.) DISCONNECT & REMOVE EXISTING RECESSED OR SURFACE MOUNTED
- CEILING LIGHT FIXTURES, COORDINATE THE REWORKING OF ALL ELECTRICAL - SWITCHES, OUTLETS, DEVICES, ETC. WITH ELECTRICAL CONTRACTOR PRIOR TO ANY ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING APPLICABLE CIRCUITS. COORDINATE SALVAGE, REUSE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
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GENERAL DEMOLITION NOTES:

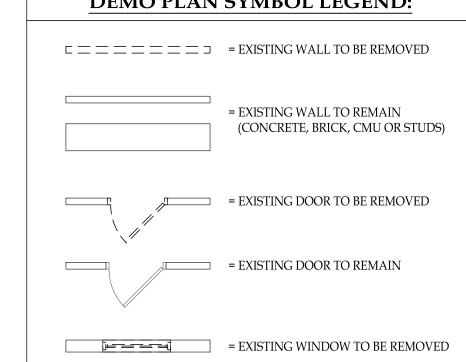
- THE CONTRACTOR IS TO VERIFY ALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING.
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- REMAIN DURING CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL ITEMS INDICATED, IMPLIED OR
- LEGAL DISPOSAL OF ALL DEMOLISHED ITEMS FROM THE SITE. ALL DEMOLISHED ITEMS TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.
- DEMO CONTRACTOR TO PROVIDE DUMPSTERS & MEANS OF MATERIAL WITH ALL APPLICABLE REGULATIONS & AUTHORITIES HAVING JURISDICTION.
- DAILY CLEAN UP OF SITE.
- CONTRACTOR SHALL SHORE & BRACE ANY FLOOR, WALL OR ROOF SYSTEM INVOLVED
- ANY ITEM NOT SPECIFICALLY CALLED OUT TO BE REMOVED OR RELOCATED, BUT NECESSARY TO DO AS PART OF THE PROJECT, SHALL BE REMOVED & STORED ON SITE IF
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- ALL DOORS, FRAMES & ASSOCIATED HARDWARE THAT ARE TO BE REMOVED WITHIN DEMOLITION AREA SHALL BE STORED AND REUSED ELSEWHERE WITHIN & REUSE WITH OWNER.
- PATCH & REPAIR EXISTING SURFACES DAMAGED BY DEMOLITION. ALL REPAIR WORK SHALL MATCH EXISTING, ADJACENT
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- IN GENERAL, ALL EXISTING ELECTRICAL, MECHANICAL & PLUMBING SYSTEMS WILL REMAIN AND BE AUGMENTED AS NECESSARY.

- EXISTING CONDITIONS PRIOR TO STARTING DEMOLITION OR CONSTRUCTION AND IS TO
- THE CONTRACTOR IS TO PROTECT EXISTING
- OTHERWISE NECESSARY TO ALLOW FOR NEW CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE
- REMOVAL FROM SITE, IN ACCORDANCE
- DEMO CONTRACTOR TO CARRY FORTH
- DEMO CONTRACTOR TO PROVIDE PROOF OF INSURANCE TO ARCHITECT AND OWNER.
- DEMO CONTRACTOR IS RESPONSIBLE FOR CONTINUOUS ON SITE SUPERVISION.
- IN SUBSTANTIAL DEMOLITION THAT COULD EFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING.
- SALVAGED & TURNED OVER TO OWNER OR PROJECT AREA. COORDINATE ALL SALVAGE
- MATERIALS & METHODS.
- TRADE WORK.
- REMOVAL OF ALL LEAD AND ASBESTOS MATERIALS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LAWS, ORDINANCES, OSHA STANDARDS AND APPLICABLE CODES.

- LOCATIONS FOR ALL ITEMS WITHIN BUILDING.

COORDINATE ALL DEMOLITION WORK WITH THE MECHANICAL, PLUMBING & ELECTRICAL



DEMO PLAN SYMBOL LEGEND:

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SA JOB #: 24101.01

DATE:

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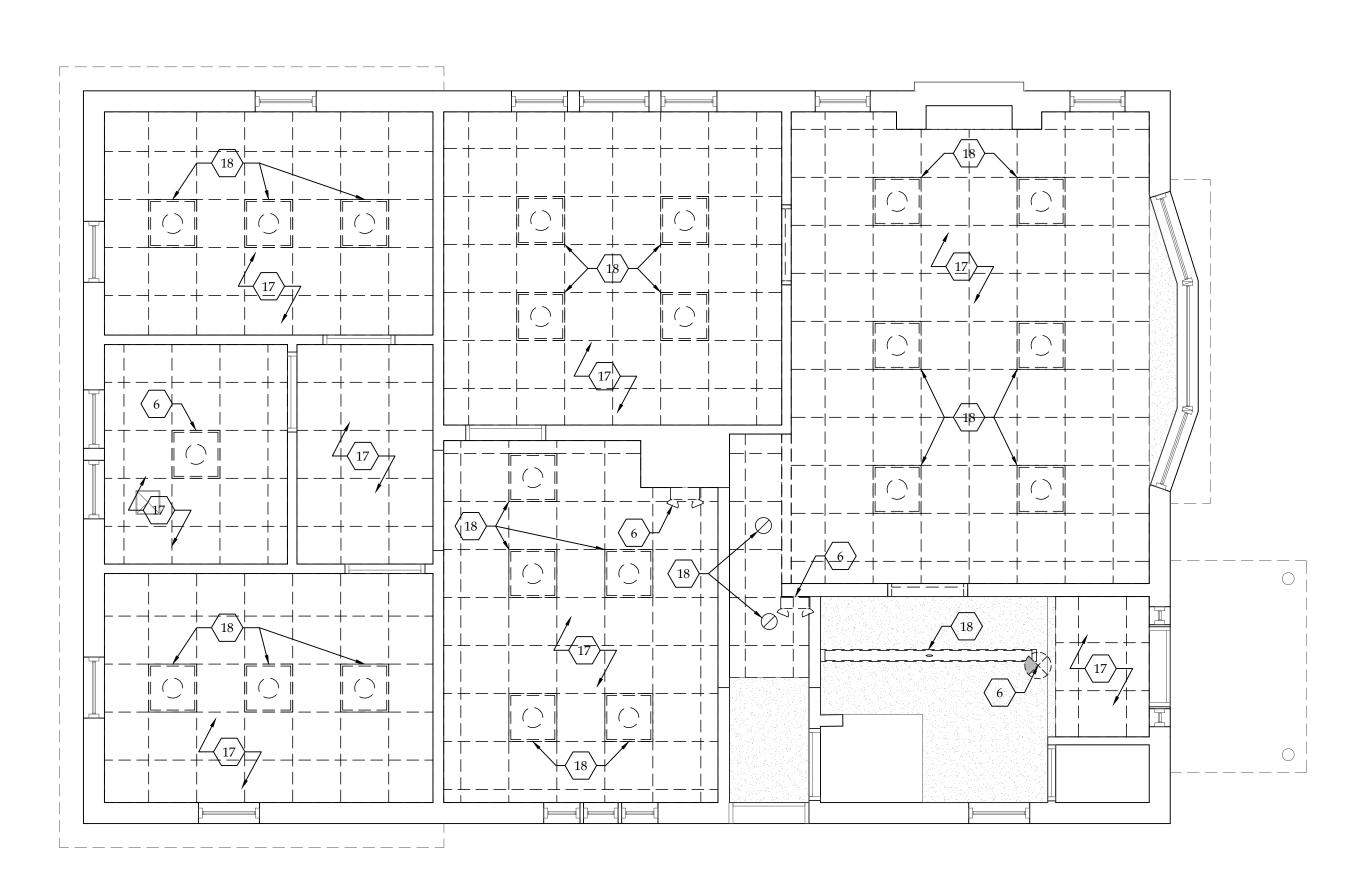


TITLE:

SECOND FLOOR **DEMOLITION** PLAN







FIRST FLOOR DEMOLITION RCP SCALE: 1/4" = 1'-0"



$\langle x \rangle$ DEMOLITION PLAN NOTES:

- (1.) REMOVE EXISTING CARPETING OR FLOORING MATERIAL & RUBBER COVE BASE OR SHOE MOLDING THROUGHOUT - FLOORS & STEPS - INCLUDING ANY TACK STRIPS AND ADHESIVES DOWN TO EXISTING WOOD SUB FLOOR OR TREADS. INFILL, CLEAN & OTHERWISE PREPARE ALL SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW FINISHES, (SEE FLOOR FINISH PLANS & SCHEDULES).
 - 2. CAREFULLY REMOVE EXISTING WALL PARTITION IN IT'S ENTIRETY OR TO THE EXTENT SHOWN DASHED. BRACE & SHORE ALL CONSTRUCTION TO REMAIN AS REO'D. TO MAINTAIN STRUCTURAL INTEGRITY, (SEE STRUCTURAL DWGS.) DISCONNECT & REMOVE ALL PLUMBING & ELECTRICAL DEVICES - INCLUDING LIGHT FIXTURES, SWITCHES, OUTLETS, ALL ASSOCIATED WIRING, JUNCTION BOXES, CONDUITS FIRE ALARMS, STROBES, WATER SUPPLY & DRAIN LINES, ETC. BACK TO SOURCE. COORDINATE ALL DEMOLITION WORK W/MEP DEMOLITION DRAWINGS. COORDINATE SALVAGE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
 - (3.) DISCONNECT, REMOVE & DISPOSE OF EXISTING SINK, PAPER TOWEL DISPENSER, BASE & WALL CABINETS IN THEIR ENTIRETY, (SEE MEP DEMOLITION DWGS.), COORDINATE SALVAGE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
 - 4. CAREFULLY REMOVE EXISTING CERAMIC WALL TILE INCLUDING BACK SPLASH & TILE BASE. INFILL, CLEAN & OTHERWISE PREPARE ALL SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW FINISHES, (SEE FLOOR

FINISH PLANS & SCHEDULES).

- (5.) REMOVE EXISTING WALL MOUNTED FIRE EXTINGUISHER, MOUNTING HARDWARE & SIGNAGE. COORD. SALVAGE &/OR DISPOSAL WITH OWNER.
- \langle 6. \rangle DISCONNECT & REMOVE ILLUMINATED EMERGENCY LIGHT OR EXIT SIGN & ALL ASSOCIATED WIRING, SURFACE MOUNTED CONDUIT & JUNCTION BOXES. COORDINATE ALL ELECTRICAL DEMOLITION WITH MEP CONTRACTOR & ELECTRICAL DRAWINGS.
- (7.) REMOVE EXISTING DOOR & ASSOCIATED HARDWARE & EITHER STORE FOR POSSIBLE REUSE OR COORDINATE DISPOSAL WITH OWNER.
- (8.) DISCONNECT & REMOVE TOILET, SINK, SHOWER, AUTOMATIC PAPER TOWEL DISPENSER, SOAP DISPENSER, ETC. (SHOWN DASHED). TEMPORARILY CAP WATER SUPPLY, VENT & DRAIN LINES TO THE EXTENT REQUIRED TO ALLOW FOR NEW FINISH & FIXTURE INSTALLATIONS, (COORD. ALL DEMOLITION W/PLUMB. & ELECT. DWGS.)
- (9.) REMOVE & DISPOSE OF ALL EXISTING WINDOW SHADES, CURTAINS & ASSOCIATED MOUNTING HARDWARE THROUGHOUT.
- (10.) DISCONNECT & CAREFULLY REMOVE ALL ABANDONED DATA EQUIPMENT INCLUDING ALL ASSOCIATED RACKS, CABLES, CONDUIT, PORTS, OUTLETS, INTEGRATED CIRCUITS, ETC. THROUGHOUT ENTIRE HOUSE. COORDINATE SALVAGE AND/OR DISPOSAL OF ALL DEVICES & EQUIPMENT WITH OWNER.
- (11.) DISCONNECT, REMOVE & DISPOSE OF EXISTING COUNTERTOP & CABINETS IN THEIR ENTIRETY, (SEE MEP DEMOLITION DWGS.), COORDINATE SALVAGE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
- \langle 12. \rangle REMOVE & DISPOSE OF EXIST. WALL-MOUNTED SHELVING.
- 13. REMOVE PEELING MORTAR & EFFLORESCENCE WHERE OCCURS. REPAIR, RE-POINT & CLEAN BRICK VENEER & EXPOSED FOUNDATION WALLS WHERE NECESSARY AT ENTIRE BUILDING PERIMETER - FULL HEIGHT -INCLUDING BRICK CHIMNEYS & FRONT PORCH.
- (14.) ALL BASEMENT FLOOR & WALL SURFACES ARE TO BE CLEANED & PREPARED TO THE EXTENT REQUIRED FOR NEW FINISHES. COORDINATE EXACT SCOPE OF BASEMENT WORK WITH OWNER.
- (15.) EXISTING BASEMENT WINDOWS TO BE REPAIRED, RE-CAULKED, RE-GLAZED WHERE REQ'D., OR REPLACED IN KIND. G.C. SHALL ENSURE WATER-TIGHTNESS @ ALL LOCATIONS.
- $\langle 16. \rangle$ REMOVE FLOOR MOUNTED AIR DIFFUSER GRATE & STORE FOR POSSIBLE REPAIR, REFINISHING & REUSE, CLEAN & PREPARE OPENING FOR GRATE REINSTALLATION OR REPLACEMENT, TYP.
- 17. REMOVE & DISPOSE OF ALL SUSPENDED CEILING TILES THROUGHOUT. IN SOME CASES THE SUSPENDED GRID SYSTEM SHALL REMAIN & BE REPAINTED/MODIFIED TO SUIT NEW LAYOUT, COORDINATE REMOVALS
- (18.) DISCONNECT & REMOVE EXISTING RECESSED OR SURFACE MOUNTED CEILING LIGHT FIXTURES, COORDINATE THE REWORKING OF ALL ELECTRICAL - SWITCHES, OUTLETS, DEVICES, ETC. WITH ELECTRICAL CONTRACTOR PRIOR TO ANY ELECTRICAL DEMOLITION WORK. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING APPLICABLE CIRCUITS. COORDINATE SALVAGE, REUSE AND/OR DISPOSAL OF ALL ITEMS WITH OWNER.
- (19.) EXISTING CEILING MOUNTED MECHANICAL SUPPLY & RETURN AIR DIFFUSERS ARE TO REMAIN & BE REFINISHED/REPAINTED, PROTECT & TEMPORARILY SECURE TO ALLOW FOR NEW CEILING PANEL INSTALLATION. COORDINATE EXTENT OF DEMOLITION, SALVAGE, REUSE OR REPLACEMENT OF ALL ITEMS WITH OWNER.

GENERAL DEMOLITION NOTES:

- THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING DEMOLITION OR CONSTRUCTION AND IS TO REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING.
- THE CONTRACTOR IS TO PROTECT EXISTING WALLS, FLOORS & ANY OTHER ITEMS TO REMAIN DURING CONSTRUCTION.
- THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL ITEMS INDICATED, IMPLIED OR OTHERWISE NECESSARY TO ALLOW FOR NEW CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL DEMOLISHED ITEMS FROM THE SITE. ALL DEMOLISHED ITEMS TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.
- DEMO CONTRACTOR TO PROVIDE **DUMPSTERS & MEANS OF MATERIAL** REMOVAL FROM SITE, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS & AUTHORITIES HAVING JURISDICTION.
- DEMO CONTRACTOR TO CARRY FORTH DAILY CLEAN UP OF SITE.
- DEMO CONTRACTOR TO PROVIDE PROOF OF INSURANCE TO ARCHITECT AND OWNER.
- DEMO CONTRACTOR IS RESPONSIBLE FOR CONTINUOUS ON SITE SUPERVISION.

BUILDING.

- CONTRACTOR SHALL SHORE & BRACE ANY FLOOR, WALL OR ROOF SYSTEM INVOLVED IN SUBSTANTIAL DEMOLITION THAT COULD EFFECT THE STRUCTURAL INTEGRITY OF THE
- ANY ITEM NOT SPECIFICALLY CALLED OUT TO BE REMOVED OR RELOCATED, BUT NECESSARY TO DO AS PART OF THE PROJECT, SHALL BE REMOVED & STORED ON SITE IF
- WALLS, DOORS & EQUIPMENT NOT DASHED ARE EXISTING TO REMAIN.
- ALL DOORS, FRAMES & ASSOCIATED HARDWARE THAT ARE TO BE REMOVED WITHIN DEMOLITION AREA SHALL BE SALVAGED & TURNED OVER TO OWNER OR STORED AND REUSED ELSEWHERE WITHIN PROJECT AREA. COORDINATE ALL SALVAGE & REUSE WITH OWNER.
- PATCH & REPAIR EXISTING SURFACES DAMAGED BY DEMOLITION. ALL REPAIR WORK SHALL MATCH EXISTING, ADJACENT MATERIALS & METHODS.
- ALL EXISTING SURFACES LEFT EXPOSED AFTER DEMOLITION SHALL BE PROTECTED AND SAFEGUARDED FROM EXPOSURE FROM WEATHER AND OR DAMAGE FROM CONSTRUCTION DURING CONSTRUCTION.
- THIS DEMOLITION DRAWING ONLY PROVIDES A BASIC SCOPE OF WORK AND SHOULD NOT BE REFERENCED FOR OTHER TRADE WORK.
- REMOVAL OF ALL LEAD AND ASBESTOS MATERIALS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LAWS, ORDINANCES, OSHA STANDARDS AND APPLICABLE CODES.

THESE FLOOR PLANS ARE DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY

MECHANICAL & PLUMBING SYSTEMS WILL

- LOCATIONS FOR ALL ITEMS WITHIN BUILDING. IN GENERAL, ALL EXISTING ELECTRICAL,
- REMAIN AND BE AUGMENTED AS NECESSARY. COORDINATE ALL DEMOLITION WORK WITH THE MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS

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Humboldt Pkwy Apartments 117 Humboldt Parkway Buffalo, NY 14214

ISSUE:

10-23-25: ISSUED FOR PERMIT

SA PROJECT TEAM: PRINCIPAL P.Silvestri

PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>



TITLE:

SECOND FLOOR **DEMOLITION** REFLECTED **CEILING PLAN**



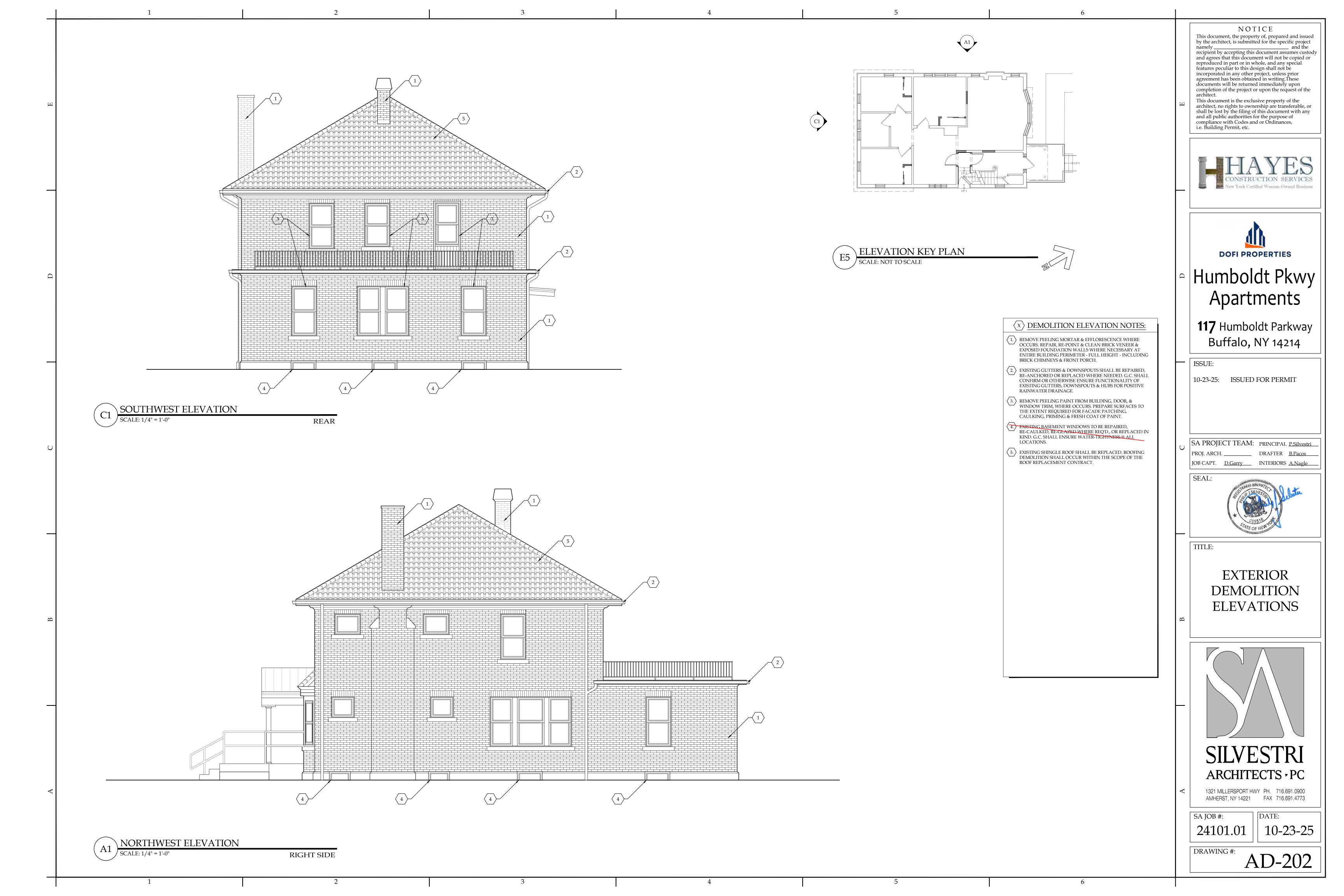
AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 24101.01

DATE: 10-23-25

DRAWING #:





BASEMENT PLAN

SCALE: 1/4" = 1'-0"

BASEMENT SURFACES ARE TO BE CLEANED & PREPARED TO THE EXTENT REQUIRED

FOR NEW FINISHES. COORDINATE SCOPE OF BASEMENT WORK WITH OWNER.

WORK NOTES - FLOOR PLAN:

- 1. RETAIN INTERIOR PARTITION WALLS (STUDS) WHEREVER POSSIBLE TO COMPLETE INTERIOR BUILD-OUT. NOTE: SOME EXISTING WALLS ARE BEARING WALLS. PROVIDE TEMPORARY SUPPORT WHERE ANY ADDITIONAL REMOVAL IS REQUIRED AT THESE PARTITIONS. INFILL ALL MISSING STUD WORK WHERE REQUIRED.
- 2. REPLACE AND/OR REINFORCE ALL DAMAGED OR DETERIORATED WOOD FLOOR FRAMING AS REQUIRED.
- 3. REFINISH HARDWOOD FLOORS TO THE EXTENT POSSIBLE. PROVIDE INFILL PIECES WHERE REQUIRED. MATCH EXISTING MATERIALS & DIMENSIONS. NEW PLYWOOD SUB-FLOOR WHERE REQUIRED. PLYWOOD TO BE GLUED & SCREWED TO EXISTING & NEW FLOOR FRAMING.
- 4. ALL BATHROOMS & LAUNDRY/MECHANICAL CLOSETS TO HAVE
 MOLD-RESISTANT & MOISTURE RESISTANT GYPSUM WALL BOARD INSTALLED
 ON WALLS & CEILINGS.
 5. REFINISH ALL EXISTING EXPOSED STAIRS, HANDRAILS & TRIM TO THE EXTENT
- POSSIBLE. REPLACE ALL MISSING OR DETERIORATED STAIR PIECES IN KIND.

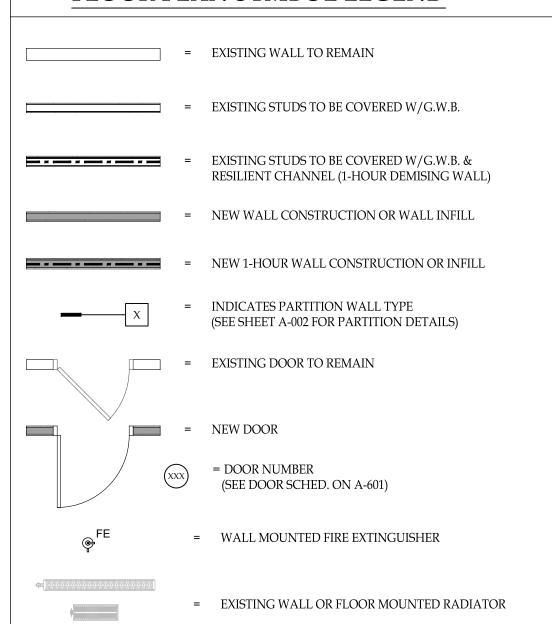
 6. ALL HALLWAYS TO RECEIVE WATER & MOLD RESISTANT PAINT W/ SATIN FINISH, (1 COAT PRIMER, 2 COATS FINISH). COLOR SELECTED BY

GENERAL NOTES:

OWNER/ARCHITECT. PATCH & FILL AS REQUIRED.

- MECHANICAL, PLUMBING OR ELECTRICAL CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING AND INSTALLING FIRE SAFING AND FIRE PROOFING MATERIALS AT ALL LOCATIONS WHERE THEIR INSTALLED WORK PENETRATES WALLS, FLOORS OR CEILINGS REQUIRING SAME BY LOCAL OR APPLICABLE BUILDING CODES. FIRE DAMPERS ARE REQUIRED AT ALL MECHANICAL DIFFUSER LOCATIONS WHICH ARE IN ONE-HOUR WALL OR CEILING ASSEMBLIES. FIRE SAFING AND OR FIREPROOFING PRODUCT MATERIAL DATA SHALL BE SUBMITTED FOR APPROVAL FOR USAGE PRIOR TO INSTALLING SAME.
- G.C. SHALL ENSURE THAT ALL ELECTRICAL OUTLETS IN EXTERIOR & DEMISING WALLS ARE SEALED USING PUTTY PACKS AS REQUIRED. SEAL ALL DOORS & WINDOWS UTILIZING EXPANDING SPRAY FOAM AS REQUIRED. ENSURE THAT ALL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS, (ROMEX CABLES, OUTLETS, DOORS, WINDOWS, ETC.) ARE PROPERLY SEALED TO SATISFY NYSERDA CERTIFICATION.
- ALL ACCESS DOORS OR PANELS REQUIRED TO BE INSTALLED BY LOCAL OR APPLICABLE BUILDING CODES ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR INSTALLING THE ASSOCIATED MECHANICAL OR PLUMBING WORK. IN GENERAL, ACCESS DOORS AND PANELS ARE REQUIRED IN FIRST FLOOR CEILING AREAS BELOW FLOOR DRAINS AND PLUMBING SYSTEMS LOCATED ON THE SECOND FLOOR. THESE ACCESS DOORS ARE REQUIRED TO HAVE THE SAME FIRE RATING AS THE ASSEMBLY BEING PENETRATED. PROPOSED ACCESS DOOR PRODUCT SHALL BE SUBMITTED FOR APPROVAL FOR USAGE PRIOR TO INSTALLING SAME.

FLOOR PLAN SYMBOL LEGEND



117 HUMBOLDT PARKWAY

= EXISTING FLOOR REGISTER (AIR SUPPLY & AIR RETURN, SEE MEP DRAWINGS)

UNIT 'A' 3 BED, 1 BATH UNIT 'B' 2 BED, 1 BATH

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PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>

SEAL:



TITLE:

1,105 SF

840 SF

BASEMENT & FIRST FLOOR PLANS



SA JOB #: **24101.01**

DATE: 10-23-25

DRAWING #:

A-101

1 2 5

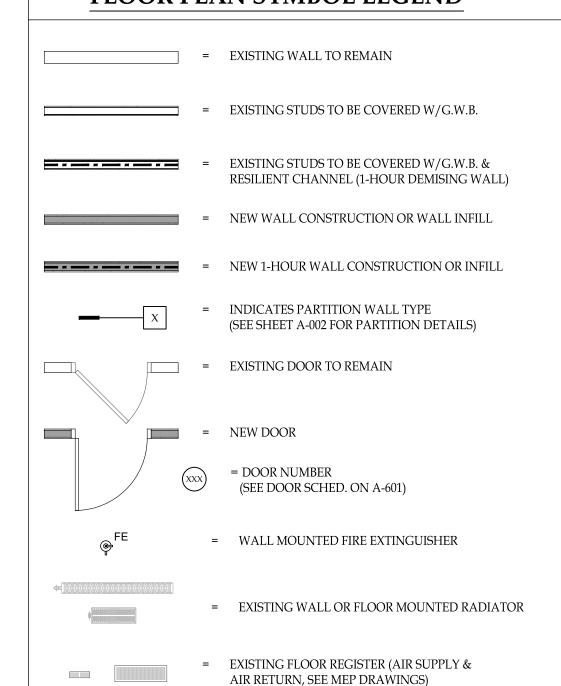
WORK NOTES - FLOOR PLAN:

- 1. RETAIN INTERIOR PARTITION WALLS (STUDS) WHEREVER POSSIBLE TO COMPLETE INTERIOR BUILD-OUT. NOTE: SOME EXISTING WALLS ARE BEARING WALLS. PROVIDE TEMPORARY SUPPORT WHERE ANY ADDITIONAL REMOVAL IS REQUIRED AT THESE PARTITIONS. INFILL ALL MISSING STUD WORK WHERE REQUIRED.
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- 4. ALL BATHROOMS & LAUNDRY/MECHANICAL CLOSETS TO HAVE MOLD-RESISTANT & MOISTURE RESISTANT GYPSUM WALL BOARD INSTALLED ON WALLS & CEILINGS.
- 5. REFINISH ALL EXISTING EXPOSED STAIRS, HANDRAILS & TRIM TO THE EXTENT POSSIBLE. REPLACE ALL MISSING OR DETERIORATED STAIR PIECES IN KIND.
- 6. ALL HALLWAYS TO RECEIVE WATER & MOLD RESISTANT PAINT W/ SATIN FINISH, (1 COAT PRIMER, 2 COATS FINISH). COLOR SELECTED BY OWNER/ARCHITECT. PATCH & FILL AS REQUIRED.

GENERAL NOTES:

- MECHANICAL, PLUMBING OR ELECTRICAL CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING AND INSTALLING FIRE SAFING AND FIRE PROOFING MATERIALS AT ALL LOCATIONS WHERE THEIR INSTALLED WORK PENETRATES WALLS, FLOORS OR CEILINGS REQUIRING SAME BY LOCAL OR APPLICABLE BUILDING CODES. FIRE DAMPERS ARE REQUIRED AT ALL MECHANICAL DIFFUSER LOCATIONS WHICH ARE IN ONE-HOUR WALL OR CEILING ASSEMBLIES. FIRE SAFING AND OR FIREPROOFING PRODUCT MATERIAL DATA SHALL BE SUBMITTED FOR APPROVAL FOR USAGE PRIOR TO INSTALLING SAME.
- G.C. SHALL ENSURE THAT ALL ELECTRICAL OUTLETS IN EXTERIOR & DEMISING WALLS ARE SEALED USING PUTTY PACKS AS REQUIRED. SEAL ALL DOORS & WINDOWS UTILIZING EXPANDING SPRAY FOAM AS REQUIRED. ENSURE THAT ALL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS, (ROMEX CABLES, OUTLETS, DOORS, WINDOWS, ETC.) ARE PROPERLY SEALED TO SATISFY NYSERDA CERTIFICATION.
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FLOOR PLAN SYMBOL LEGEND



117 HUMBOLDT PARKWAY

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SA PROJECT TEAM: PRINCIPAL P.Silvestri
PROJ. ARCH. DRAFTER B.Pacos

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>

CEAL



TITLE:

1,105 SF

840 SF

SECOND FLOOR PLAN



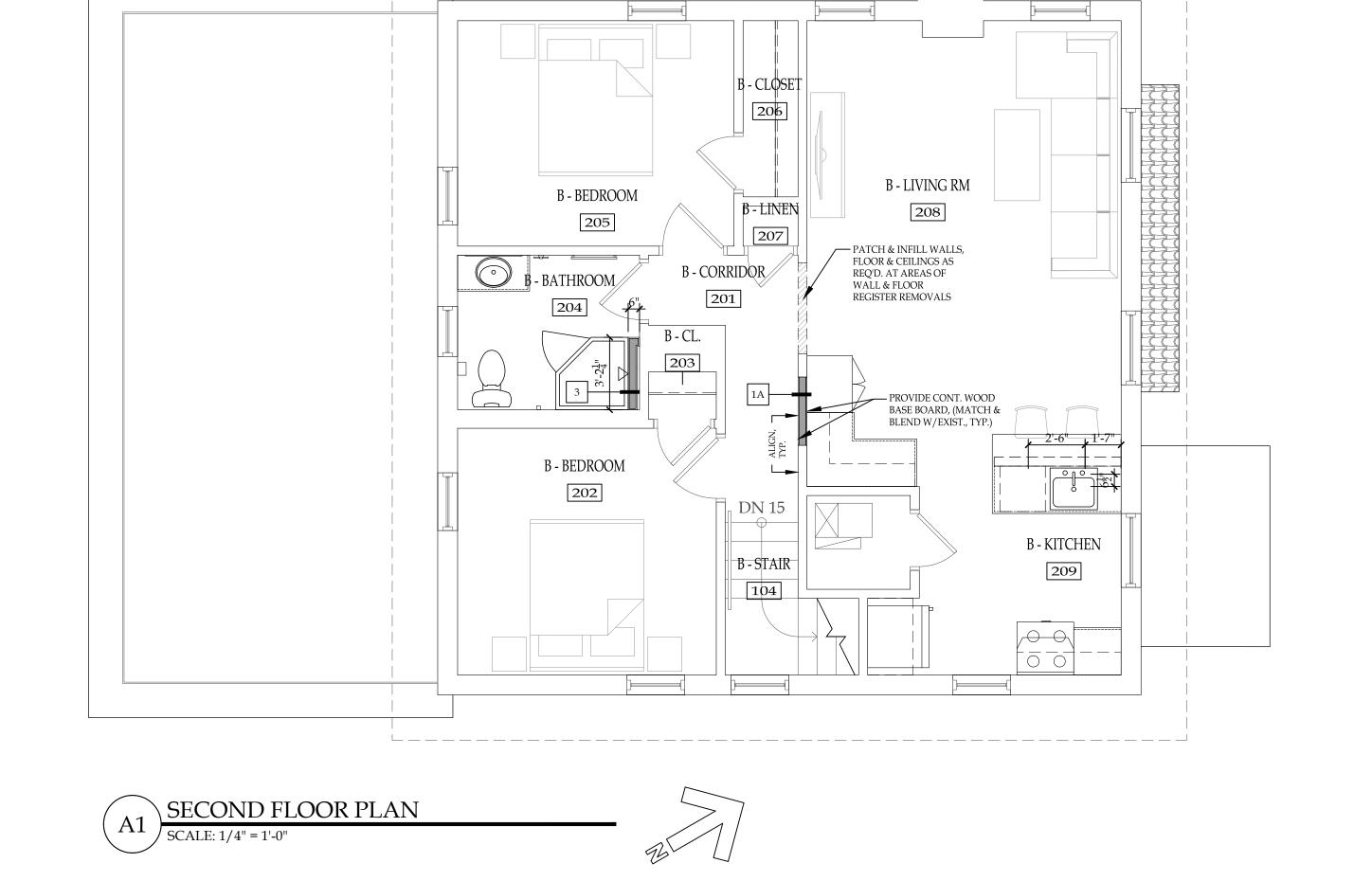
SA JOB #: **24101.01**

10-23-25

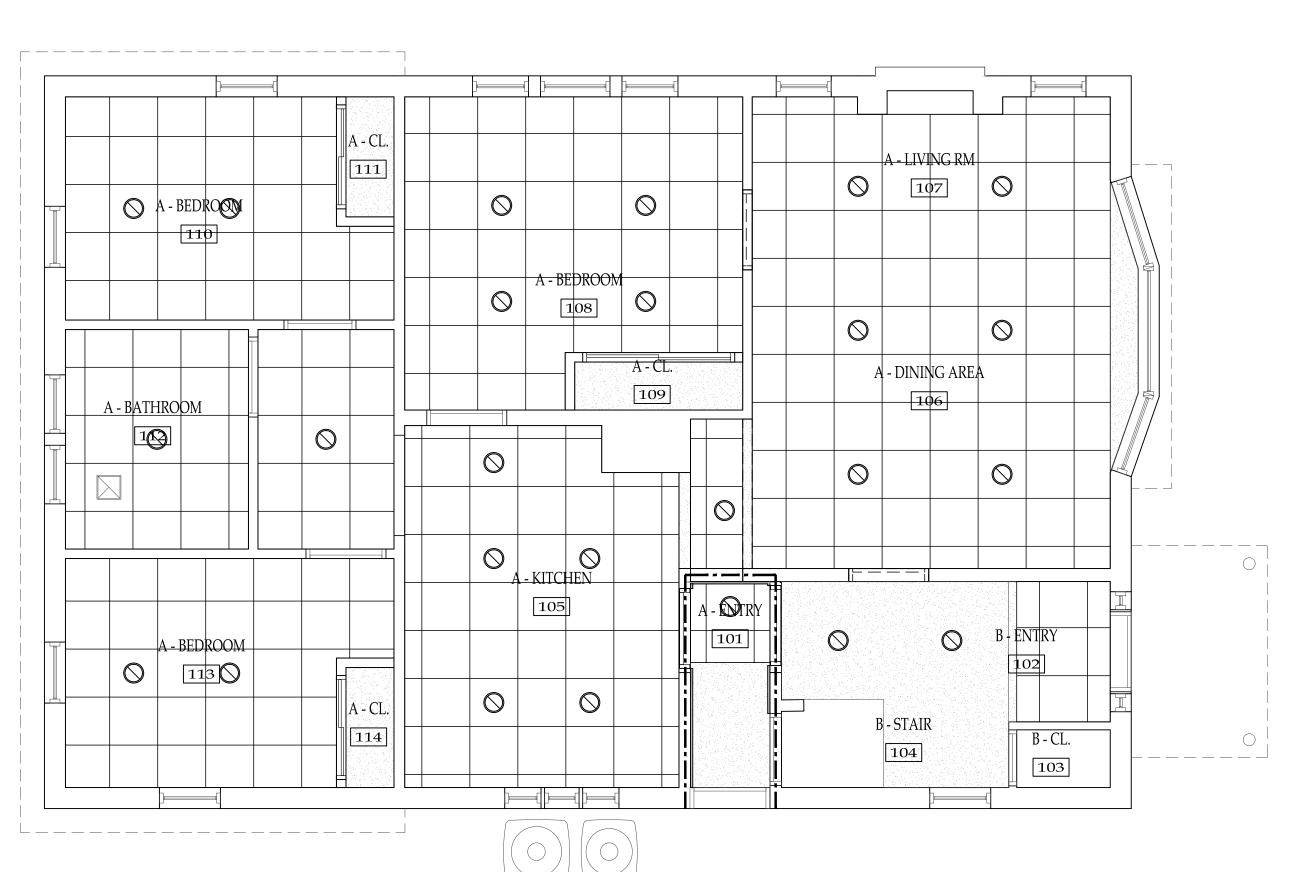
DATE:

DRAWING #:

A-102



206 208 205 207 B - CORRIDOR - BATHROOM 201 204 B - CL. 203 202 B-KITCHEN B-STAIR 209 104 SECOND FLOOR REFLECTED CEILING PLAN



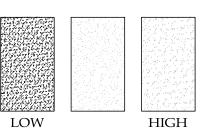
FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"

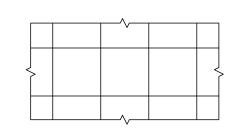
WORK NOTES - REFLECTED CEILING PLANS:

- 1. IN EACH APARTMENT SO EQUIPPED, PROVIDE (2) PENDANT LIGHT FIXTURES OVER DINING ISLAND. BOTTOM OF FIXTURE TO BE + 7'-6" A.F.F.
- 2. CEILINGS IN APARTMENT UNITS TO BE FULL HEIGHT UNLESS NOTED OTHERWISE. CEILINGS TO BE \(^{\mathbb{I}}_{\mathbb{N}}\)" TYPE "X" GWB.
- 3. CEILINGS IN CLOSETS, LAUNDRY/MECHANICAL CLOSETS & BATHROOMS TO BE \(\frac{5}{8} \) GWB @ + 8'-0" A.F.F. USE MOISTURE & MOLD RESISTANT GWB IN ALL OF THESE AREAS.
- 4. PRESERVE & REPAIR/REPLACE WOOD CROWN MOLDINGS THROUGHOUT APARTMENTS WHERE EXISTING. MATCH EXISTING ELEMENTS AS CLOSE AS POSSIBLE.
- 5. MECHANICAL CONTRACTOR TO COORDINATE DUCTWORK & VENT LINE LOCATIONS WITH DUCTWORK ENCLOSURE DIMENSIONS TO ENSURE DUCTWORK & VENT LINES ARE FULLY CONCEALED.

REFLECTED CEILING PLAN SYMBOL LEGEND



= GYPSUM BOARD CEILING OR SOFFIT

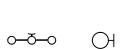


= SUSPENDED RESIDENTIAL ACOUSTIC CEILING SYSTEM, (NEW OR PAINTED GRID)



LIGHT FIXTURE, COORD. W/ELEC. DWGS.

= LED SEMI FLUSH/CEILING MOUNTED



= LED STRIP CEILING MOUNTED LIGHT FIXTURE, COORD. W/ELEC. DWGS.



LIGHT FIXTURE, COORD. W/ELEC. DWGS.

= LED VANITY SCONCE - WALL MOUNTED





= LED PENDANT CEILING LIGHT FIXTURE, COORD. W/ELEC. DWGS.



= EXIT SIGNAGE - WALL OR CEILING MOUNTED, COORD. W/ELEC. DWGS.

= EMERGENCY LIGHT, COORD. W/ELEC.

= CEILING MOUNTED EXHAUST FAN, COORD. W/ELEC. & MECH. DWGS.

→

SOFFITS, COORD. W/MECH. DWGS.

= SUPPLY AIR DIFFUSER - IN WALL OR



= EXISTING CEILING MOUNTED AIR DIFFUSER, COORD. W/MECH. DWGS.



= SUPPLY AIR DIFFUSER - CEILING MOUNTED, COORD. W/MECH. DWGS.



= RETURN AIR DIFFUSER - CEILING MOUNTED, COORD. W/MECH. DWGS.



= INDICATES CEILING TYPE & HEIGHT



= INDICATES SMOKE DETECTOR - CEILING MOUNTED, COORD. W/ELEC. DWGS.



= INDICATES CARBON MONOXIDE DETECTOR -CEILING MOUNTED, COORD. W/ELEC. DWGS.

GENERAL NOTES:

- CONTRACTOR SHALL COORDINATE ALL CEILING FIXTURES, DIFFUSERS, LIGHTING, ETC. WITH MECHANICAL & ELECTRICAL CONTRACTOR.
- REFER TO MECHANICAL & ELECTRICAL DRAWINGS.
- V.I.F. ALL SOFFIT WIDTHS/DEPTHS REFER TO MECH DRAWINGS.
- REFER TO MECH/ELEC PLANS FOR ADDITIONAL CEILING INFORMATION.

117 HUMBOLDT PARKWAY

UNIT 'A' 3 BED, 1 BATH UNIT 'B' 2 BED, 1 BATH

1,105 SF 840 SF

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PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u> JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>



TITLE:

FIRST & SECOND FLOOR REFLECTED CEILING PLANS

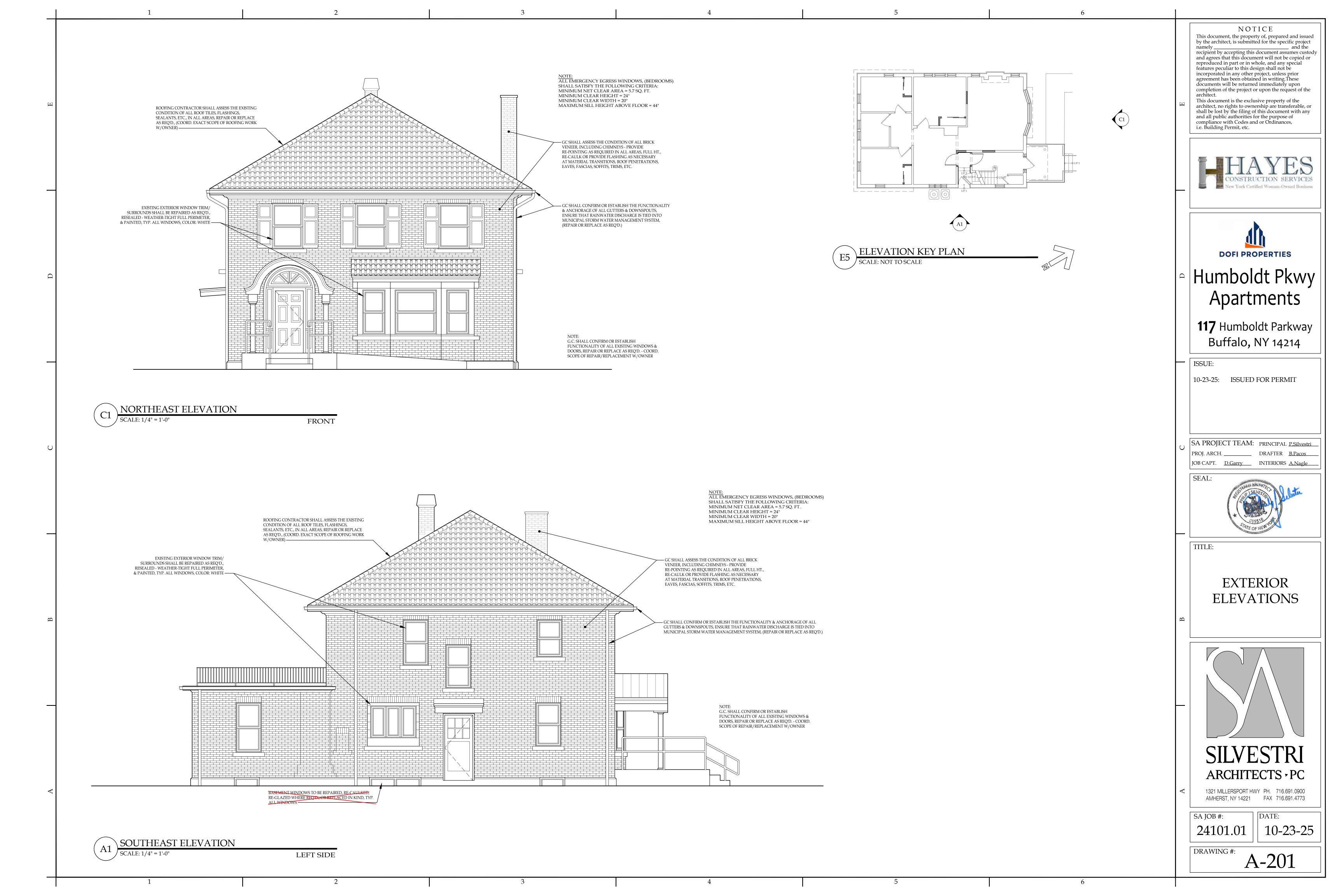


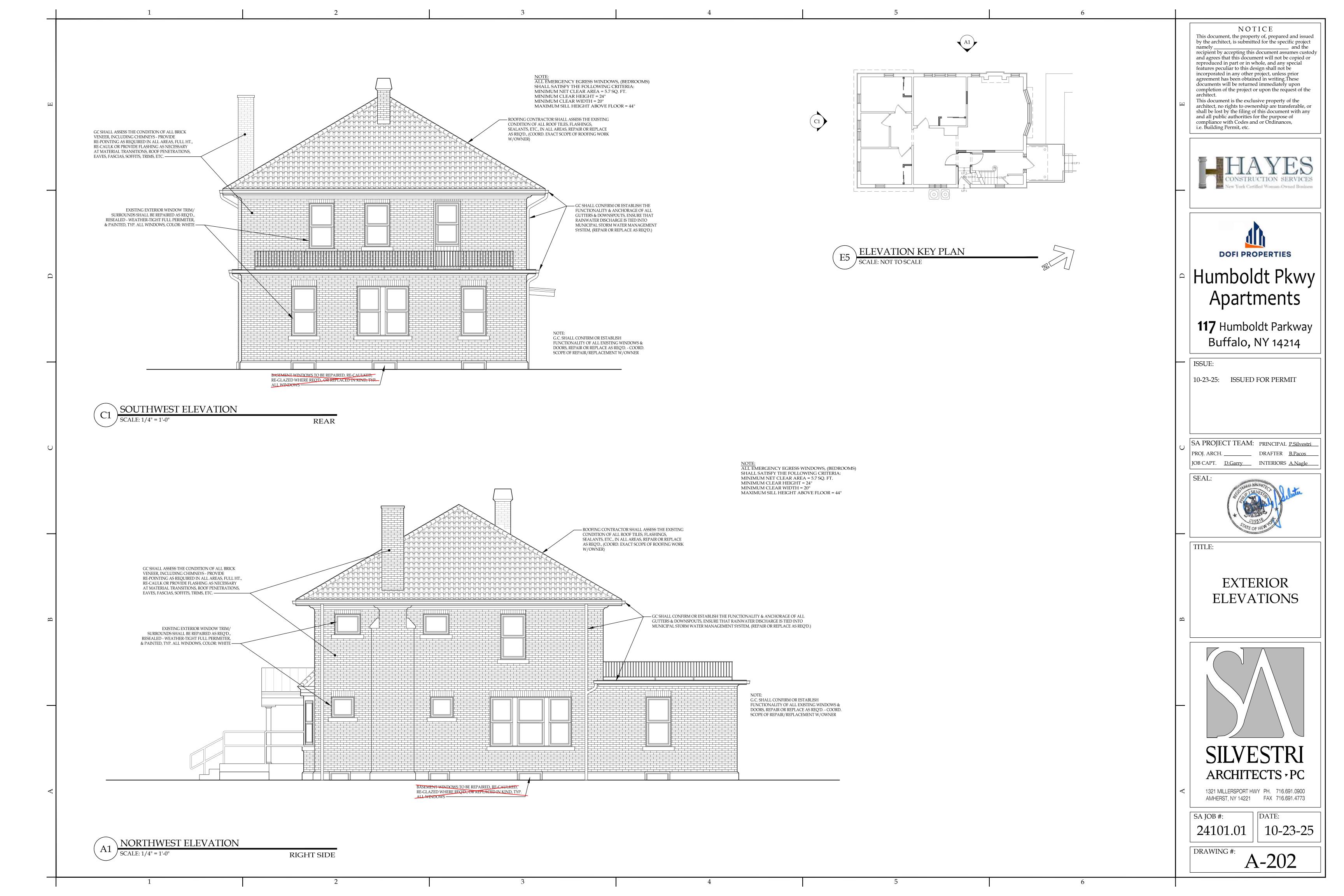
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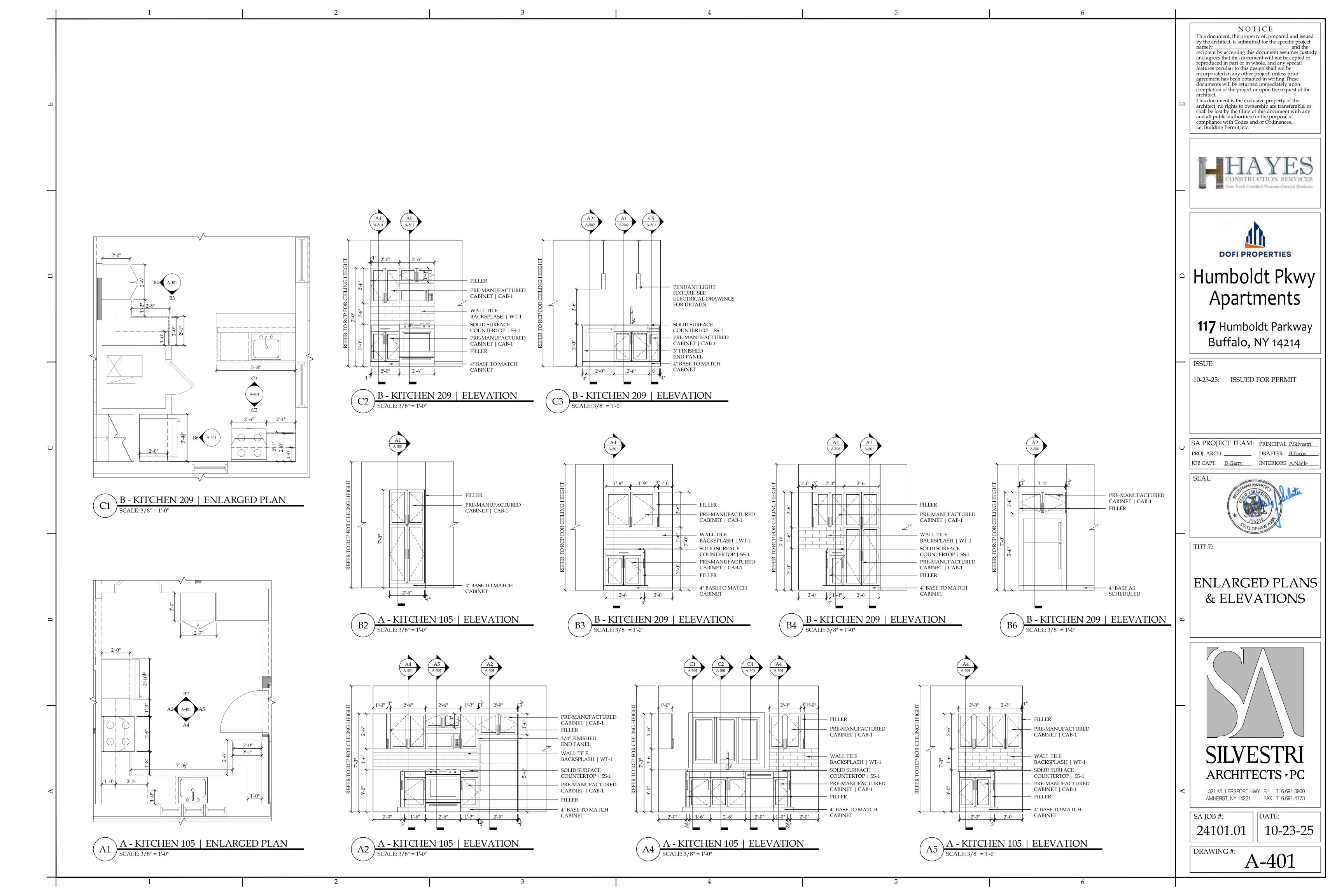
24101.01 10-23-25

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A-103





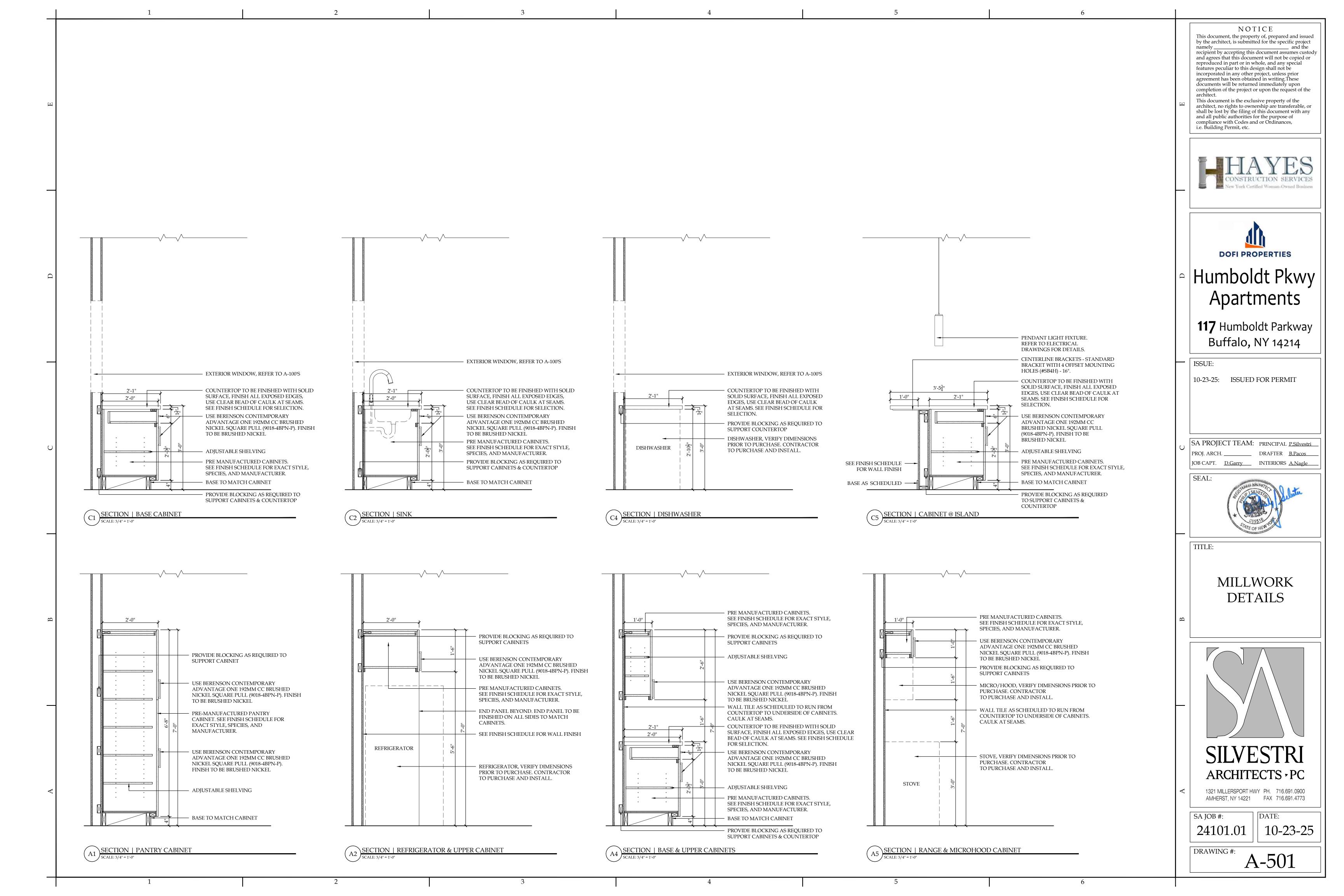


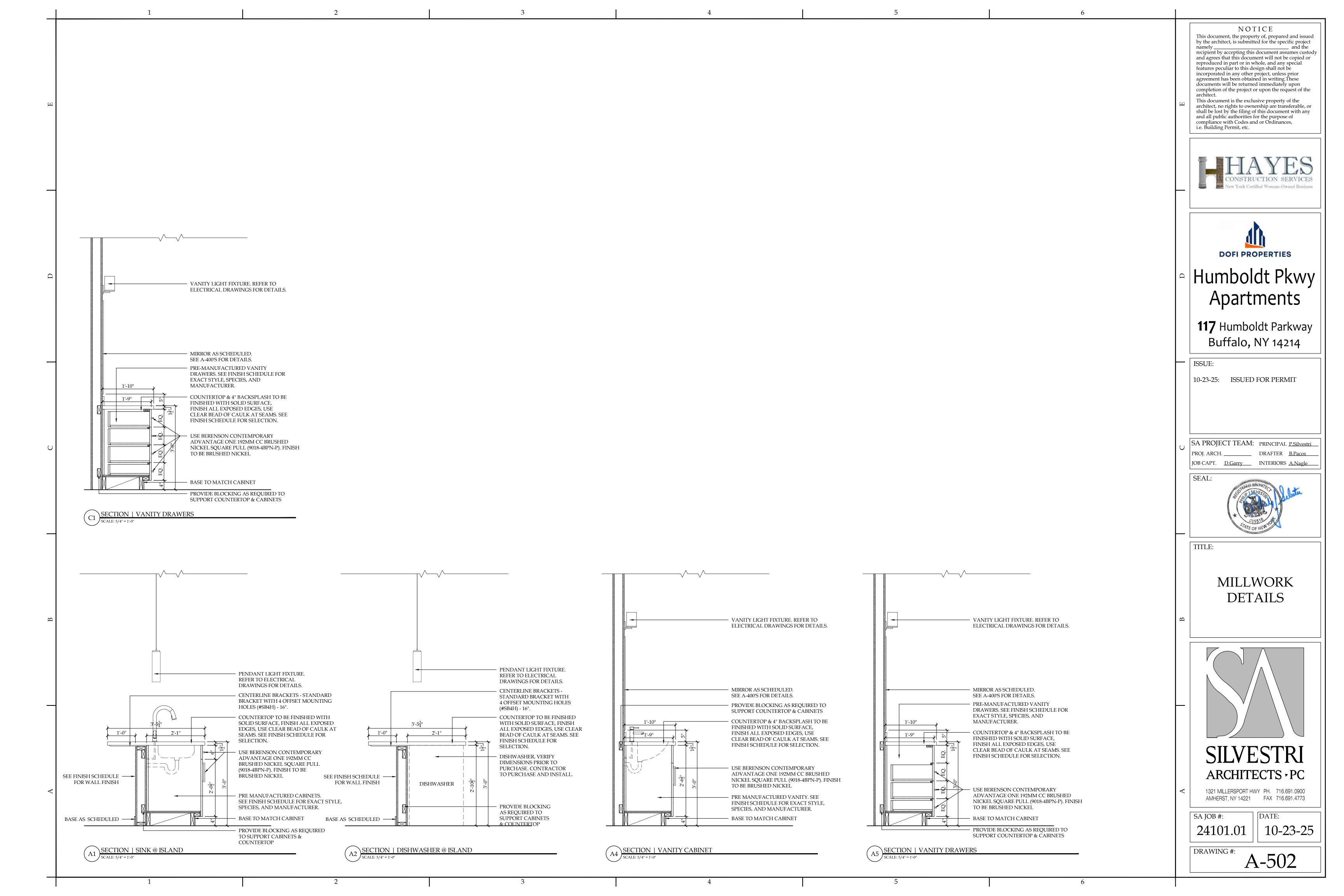
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					MARK ITEM MOD	ACCESSORY SCHEDULE EL # SUPPLIER BACKUP SUPPORT LOCATION/NOTE	This document, the property of, prepared and issued by the architect, is submitted for the specific project namely and the recipient by accepting this document assumes custody
					A TOILET TISSUE HOLDER TB 1/4" FRAMELESS PLATE GLASS MIRROR TB	PER MANUFACTURERS REQUIREMENTS PER MANUFACTURERS SEE DRAWING FOR LOCATION. TOI HOLDER TO BE MOUNTED 19" A.F.F. II	incorporated in any other project, unless prior agreement has been obtained in writing. These documents will be returned immediately upon
ΙΤÌ					C 8" TOWEL RING TB D 24" TOWEL BAR TB	PER MANUFACTURERS REQUIREMENTS SEE DRAWING FOR LOCATION. TOW BE MOUNTED 54" A.F.F. IN ALL PER MANUFACTURERS FINISH: TBD	completion of the project or upon the request of the architect. This document is the exclusive property of the architect, no rights to ownership are transferable, or shall be lost by the filing of this document with any and all public authorities for the purpose of
					E ROBE HOOK TB	PER MANI IFACTUREDS FINISH: TBD	i.e. Building Permit, etc.
							FIAYES CONSTRUCTION SERVICES New York Certified Woman-Owned Business
							DOFI PROPERTIES
Ω							Humboldt PkwyApartments
							117 Humboldt Parkway Buffalo, NY 14214
							ISSUE: 10-23-25: ISSUED FOR PERMIT
O		A4 A-502 A-502					SA PROJECT TEAM: PRINCIPAL P.Silvestri PROJ. ARCH DRAFTER B.Pacos
	3'-1" C B B2	B 3'-0" 4" SOLID SURFACE BACKSPLASH & SIDESPLASH	CP FOR CEILING HEIGHT WM PR	E-ANUFACTUREDASS SHOWER	PRE- MANUFACTURED GLASS SHOWER DOOR AD HEICHT		SEAL:
	A B6 A-402 B3 1'-6" E	SOLID SURFACE COUNTERTOP SS-2 PRE-MANUFACTURED VANITY CABINET CAB-1 FILLER 4" BASE AS SCHEDULED	DO DO	BASE AS HEDULED	HAND-OPERATED FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET A 4" BASE AS SCHEDULED	A 4" BASE AS SCHEDULED 48" MAX.	ENLARGED PLANS
В	B1 B - BATH 204 ENLARGED PLAN SCALE: 3/8" = 1'-0"	B2 B - BATH 204 ELEVATION SCALE: 3/8" = 1'-0"	B3 B - BATH 204 ELEVA SCALE: 3/8" = 1'-0"	TION B4 B - BATH 204 SCALE: 3/8" = 1'-0"	ELEVATION	B - BATH 204 ELEVATION SCALE: 3/8" = 1'-0"	& ELEVATIONS
A	A6 A402 A3 AA A4 AA A4	A44 A-502 A-502 A" SOLID SURFACE BACKSPLASH & SIDESPLASH SIDESPLASH SIDESPLASH PRE-MANUFACTURED VANITY CABINET CAB-1 FILLER 4" BASE AS SCHEDULED	REFER TO RCP FOR CEILING HEIGHT	PRE- MANUFACTURED GLASS SHOWER DOOR 4" BASE AS SCHEDULED	PRE- MANUFACTURED GLASS SHOWER DOOR HAND-OPERATED FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET A 4" BASE AS SCHEDULED	REFER TO RCP FOR CEILING HEIGHT. A" BAS SCHEIL A" MIN. 4" BAS SCHEIL A" MAX.	SILVESTRI ARCHITECTS - PC 1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773 SA JOB #: DATE: 10-23-25
	A1 A - BATH 112 ENLARGED PLAN SCALE: 3/8" = 1'-0"	A2 A - BATH 112 ELEVATION SCALE: 3/8" = 1'-0"	A3 A - BATH 112 ELEVAT	A4 A - BATI SCALE: 3/8" =	H 112 ELEVATION	A6 A - BATH 112 ELEVATION SCALE: 3/8" = 1'-0"	DRAWING #: A-401
	1	2	3	4	5	6	











DOOR AND FRAME SCHEDULE														
		DOOR					FRAME				HARD WARE			
ROOM	DOOR NUM.	TYPE	DOOR OP	N'G SIZE	- THK MAT'L	GLASS	MAT'L	TYPE	DETAILS		FIRE RATING	SET	REMARKS	
		1112	WIDTH	HEIGHT			22.100			HEAD	JAMB		NO.	
BASEMENT														
B - STORAGE (004)	001	1	2'-8"	6'-8"	13/8"	SCWD	-	WD	В	H2	J2	-	2	
FIRST FLOOR	FIRST FLOOR													
B - ENTRY (102)	101	1	3'-0"	6'-8"	13/8"	SCWD	-	HM	A	H1	J1	45 MIN.	1	
A - ENTRY (101)	102	1	3'-0"	6'-8"	13/8"	SCWD	-	HM	A	H1	J1	45 MIN.	1	
A - CLOSET (109)	103	2	(2) 3'-0"	6'-8"	13/8"	SCWD	-	WD	В	H2	J2	-	3	SLIDING DOORS, HARDWARE BY MANUF.
A - CLOSET (111)	104	2	(2) 2'-0"	6'-8"	13/8"	SCWD	-	WD	В	H2	J2	-	3	SLIDING DOORS, HARDWARE BY MANUF.
A - CLOSET (114)	105	2	(2) 2'-0"	6'-8"	13/8"	SCWD	-	WD	В	H2	J2	-	3	SLIDING DOORS, HARDWARE BY MANUF.

DOOR HARDWARE GROUPS:

SPRING HINGES PASSAGE LEVER SNG CYL DEADBOLT DEADBOLT

DOOR STOP DOOR SWEEP DOOR VIEWER **2** 3 HINGES

STOREROOM SET

DOOR STOP

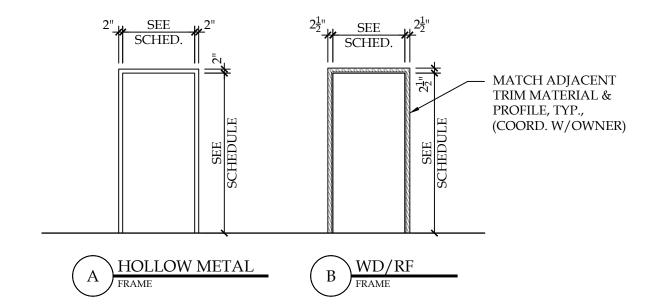
GLAZING KEY $\overline{T} = 1/4$ " TEMPERED IT = 1" INSULATED TEMPERED W = SAFE-WIRE 1 HR CAT II

HM = HOLLOW METAL SCWD = SOLID CORE WOOD VY = VINYLSC = SLIDING GLASS IM = INSULATED METAL RF = REDI FRAMEIFG = INSULATED FIBERGLASS

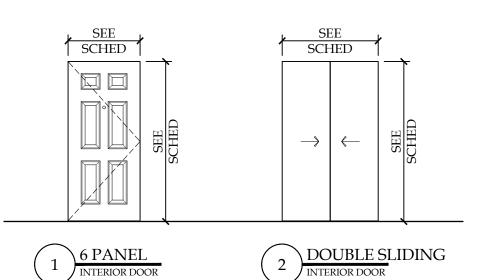
FL = FLUSH LOUVERED

DOOR SCHEDULE NOTES:

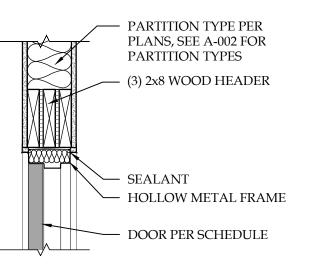
- GENERAL CONTRACTOR SHALL UTILIZE EXISTING DOORS ON SITE (POTENTIALLY DEMO'D ELSEWHERE) TO THE EXTENT POSSIBLE, IF FEASIBLE.
- DIMENSIONS GIVEN ON PLANS AND SCHEDULES ARE NOMINAL. GENERAL CONTRACTOR AND MANUFACTURERS TO COORDINATE ALL DIMENSIONS IN FIELD CONCERNING FRAMES AND ROUGH OPENINGS, PRIOR TO FABRICATION AND CONSTRUCTION.
- ALL GLAZING TO COMPLY WITH GLAZED PANEL SAFETY STANDARDS AND CODE REQUIREMENTS.
- ALL HOLLOW METAL FRAMES TO BE OF WELDED CONSTRUCTION, ALL FRAME CORNERS SHALL BE MITERED, WELDED AND GROUND FOR A SMOOTH FINISH.
- ALL METAL ENTRANCE DOORS AND FRAMES SHALL BE OF COLD ROLLED STEEL FURNISHED WITH A FACTORY COAT OF PRIME PAINT. WIPE COAT GALVANIZED STEEL WILL NOT BE ACCEPTABLE.
- INTEGRAL FRAME AND DOOR WEATHER STRIPPING SHALL BE PROVIDED AS PART OF THE ENTRY
- DO NOT PAINT OVER ANY CODE REQUIRED LABELS SUCH AS UNDERWRITERS LABORATORIES PERFORMANCE RATING, NAME OR NOMENCLATURE PLATES.

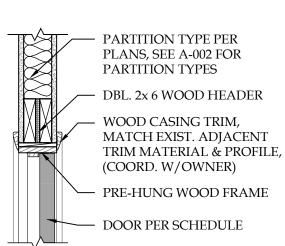


DOOR FRAME TYPES SCALE: 1/4" = 1'-0"

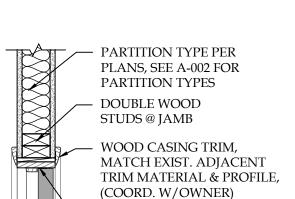


DOOR TYPES SCALE: 1/4" = 1'-0"





(H1)



► PRE-HUNG WOOD FRAME

DOOR PER SCHEDULE

— HOLLOW METAL FRAME DOOR PER SCHEDULE

- PARTITION TYPE PER PLANS, SEE A-002 FOR

PARTITION TYPES

DOUBLE WOOD

STUDS @ JAMB

- SEALANT

(J1)

 $\left(H1\right)$

DOOR HEAD & JAMB DETAILS SCALE: 1" = 1'-0"

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Humboldt Pkwy Apartments

117 Humboldt Parkway Buffalo, NY 14214

ISSUE:

10-23-25: ISSUED FOR PERMIT

SA PROJECT TEAM: PRINCIPAL P.Silvestri PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>



TITLE:

DOOR SCHEDULE & DETAILS



SA JOB #: 24101.01

DATE: 10-23-25

DRAWING #: A-601

ROOM		FLOOR	D A CE	TATATIO	CEIL	ING	 MILLWORK/	COUNTER	
NUMBER	ROOM NAME		BASE	WALLS	MATERIAL		CITACITA	TOP	REMARKS
BASEMENT									
001	A - STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST			1
002	B - STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST			1
003	A - STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST			1
004	A - STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST			1
FIRST FLOOF	2								
101	A - ENTRY	LVT-1	EXIST	GYP-P-1	GYP (P-3)/ SCT-1	EXIST			7
102	B - ENTRY	LVT-1	EXIST	GYP-P-1	GYP (P-3)/ SCT-1	EXIST			6, 7
103	B - CLOSET	LVT-1	EXIST	GYP-P-1	EXIST (P-3)	EXIST			7
104	B - STAIR	EXIST	EXIST	GYP-P-1	EXIST (P-3)/ GYP (P-3)	EXIST			3, 6, 7
105	A -KITCHEN	LVT-1	WDB-1	WT-1/GYP-P-1	SCT-1	EXIST	CAB-1	SS-1	4, 6
106	A - DINING AREA	LVT-1	EXIST	GYP-P-1	SCT-1	EXIST			2, 6
107	A - LIVING ROOM	LVT-1	EXIST/ WDB-1	GYP-P-1	SCT-1	EXIST			2, 4, 6
108	A - BEDROOM	LVT-1	EXIST/ WDB-1	GYP-P-1	SCT-1	EXIST			2, 4, 6
109	A - CLOSET	LVT-1	EXIST/ WDB-1	GYP-P-1	GYP (P-3)	EXIST			2, 4, 7
110	A - BEDROOM	LVT-1	EXIST/ WDB-1	GYP-P-1	SCT-1	EXIST			2, 4, 6
111	A - CLOSET	LVT-1	EXIST/ WDB-1	GYP-P-1	GYP (P-3)	EXIST			2, 4, 7
112	A - BATHROOM	T-1	TB-1	GYP-P-1	SCT-1	EXIST	CAB-1	SS-1	5, 6
113	A - BEDROOM	LVT-1	EXIST/ WDB-1	GYP-P-1	SCT-1	EXIST			2, 4, 6
114	A - CLOSET	LVT-1	EXIST/ WDB-1	GYP-P-1	GYP (P-3)	EXIST			2, 4, 7
SECOND FLO	OOR								
201	B - CORRIDOR	LVT-1	EXIST/ WDB-1	GYP-P-1	SCT-1	EXIST			2, 4
202	B - BEDROOM	LVT-1	EXIST	GYP-P-1	SCT-1	EXIST			2, 6
203	B - CLOSET	LVT-1	EXIST	GYP-P-1	EXIST (P-3)	EXIST			2, 7
204	B - BATHROOM	T-1	TB-1	GYP-P-1	SCT-1	EXIST	CAB-1	SS-1	5, 6
205	B - BEDROOM	LVT-1	EXIST	GYP-P-1	SCT-1	EXIST			2, 6
206	B - CLOSET	LVT-1	EXIST	GYP-P-1	EXIST (P-3)	EXIST			2, 7
207	B - LINEN	EXIST	EXIST	EXIST	EXIST	EXIST			8
208	B - LIVING ROOM	LVT-1	EXIST	GYP-P-1	SCT-1	EXIST			2
209	B - KITCHEN	LVT-1	EXIST/ WDB-1	WT-1/GYP-P-1	SCT-1	EXIST	CAB-1	SS-1	2, 4
210	B - PANTRY				EXIST (P-3)	EXIST			7

REMARKS

- CLEAN ALL BASEMENT WALLS, FLOORS, & CEILINGS THOROUGHLY
- EXISTING CARPET TO BE REMOVED. AFTER DEMOLITION, CONDITION OF HARDWOOD FLOORS IS TO BE ASSESSED. ANY EXISTING HARDWOOD FLOORING IN ACCEPTABLE CONDITION IS TO REMAIN AND BE REPAIRED/REFINISHED AS NECESSARY. WHERE EXISTING HARDWOOD FLOORING IS NOT IN AN ACCEPTABLE CONDITION, LVT IS TO BE INSTALLED AS SCHEDULED.
- EXISTING CARPET ON STAIRS TO BE REMOVED. RESTORE EXISTING HARDWOOD STAIR TREADS & RISERS.
- ALL NEW WALLS/ WALLS WITH RUBBER BASE TO RECEIVE NEW WOOD BASE TO MATCH EXISTING WOOD BASE.
- REMOVE EXISTING TILE WAINSCOTING ON ALL WALLS. REPAIR WALL AS NECESSARY AND REPAINT AS SCHEDULED.
- PROVIDE NEW BLINDS ON ALL WINDOWS AS SCHEDULED.
- EXISTING CEILINGS TO BE PATCHED/REPAIRED AND PAINTED P-3 AS SCHEDULED. NEW GYP. CEILINGS TO BE PAINTED P-3 AS SCHEDULED.
- EXISTING LINEN CLOSET MILLWORK CABINET TO REMAIN

DRYWALL FINISH LEVELS

LEVEL 0: NO TAPING, FINISHING, OR ACCESSORIES REQUIRED

LEVEL 1: ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE SET IN JOINT COMPOUND. SURFACE SHALL BE FREE OF EXCESS JOINT COMPOUND. TOOL MARKS AND RIDGES ARE ACCEPTABLE.

LEVEL 2: ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND WIPED WITH A JOINT KNIFE LEAVING A THIN COATING OF JOINT COMPOUND OVER ALL JOINTS AND INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH A COAT OF JOINT COMPOUND. SURFACE SHALL BE FREE OF EXCESS JOINT COMPOUND. TOOL MARKS AND RIDGES ARE ACCEPTABLE. JOINT COMPOUND APPLIED OVER THE BODY OF THE TAPE AT THE TIME OF TAPE EMBEDMENT SHALL BE CONSIDERED A SEPARATE COAT OF JOINT COMPOUND AND SHALL SATISFY THE CONDITION OF THIS LEVEL.

LEVEL 3: ALL JOINTS AND INFERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND SHALL BE IMMEDIATELY WIPED WITH A JOINT KNIFE LEAVING A THIN COATING OF JOINT COMPOUND OVER ALL JOINTS AND INTERIOR ANGLES. ONE ADDITIONAL COAT OF JOINT COMPOUND SHALL BE APPLIED OVER ALL JOINTS AND INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH TWO SEPARATE COATS OF JOINT COMPOUND. ALL JOINT COMPOUND SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINAL FINISHES. SEE PAINTING/WALLCOVERING SPECIFICATION IN THIS REGARD.

LEVEL 4: ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND SHALL BE IMMEDIATELY WIPED WITH A JOINT KNIFE LEAVING A THIN COATING OF JOINT COMPOUND OVER ALL JOINTS AND INTERIOR ANGLES. TWO SEPARATE COATS OF JOINT COMPOUND SHALL BE APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT OF JOINT COMPOUND SHALL BE APPLIED OVER INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH THREE SEPARATE COATS OF JOINT COMPOUND. ALL JOINT COMPOUND SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINAL FINISHES. SEE PAINTING/WALLCOVERING SPECIFICATION IN THIS REGARD.

LEVEL 5: ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND SHALL BE IMMEDIATELY WIPED WITH A JOINT KNIFE LEAVING A THIN COATING OF JOINT COMPOUND OVER ALL JOINTS AND INTERIOR ANGLES. TWO SEPARATE COATS OF JOINT COMPOUND SHALL BE APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT OF JOINT COMPOUND SHALL BE APPLIED OVER INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH THREE SEPARATE COATS OF JOINT COMPOUND. A THIN SKIM COAT OF JOINT COMPOUND TROWEL APPLIED, OR A MATERIAL MANUFACTURED ESPECIALLY FOR THIS PURPOSE AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, APPLIED TO THE ENTIRE SURFACE. THE SURFACE SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINISH PAINT. SEE PAINTING SPECIFICATION IN THIS REGARD.

UNIT FINISH SELECTIONS

LUXURY VINYL TILE (LVT-X):

MANUFACTURER: PATCRAFT NATURAL STATE COLLECTION: STYLE: 1531V COLOR: HONEY WALNUT 00130 WEAR LAYER THICKNESS: 12 MIL INSTALLATION: FLOATING

TILE (T-X):

MANUFACTURER: CONTACT:

(585) 622-0753 TWESTER@SPARTANSURFACES.COM COLLECTION: PALERMO COLOR: HAZELWOOD 12" X 24" INSTALL: BRICK LAY ¹/₃ OFFSET GROUT:

UMORE

TIM WESTER

GROUT COLOR: MOBE PEARL H145 JOINT THICKNESS:

TILE BASE (TB-X):

STYLE:

NOTE:

STYLE:

FINISH:

TYPE: COLOR:

FINISH:

TO MATCH T-1/ ONLY TO BE USED WITH T-1

SCHLUTER EDGE TO BE PROVIDED

WOOD BASE (WDB-X):

TO MATCH ADJACENT EXISTING WOOD BASE TO MATCH ADJACENT EXISTING

PAINT (P-X): (P-1) TYPICAL

MANUFACTURER: SHERWIN WILLIAMS PROMAR 200 PACER WHITE SW 6098 **EGGSHELL**

WOOD BASE

(P-2) TRIM MANUFACTURER: SHERWIN WILLIAMS PROMAR 200 TYPE: COLOR: TO BE DETERMINED FINISH: SEMI-GLOSS

(P-3) CEILINGS SHERWIN WILLIAMS MANUFACTURER: PROMAR 200 COLOR: TO BE DETERMINED FINISH: FLAT

WALL TILE (WT-X):

MANUFACTURER: **UMORE** CONTACT: TIM WESTER (585) 622-0753

TWESTER@SPARTANSURFACES.COM COLLECTION: BOLOGNA COLOR: MOSS 3" X 12" SIZE:

GROUT: **BOSTIK GROUT COLOR:** TO BE DETERMINED JOINT THICKNESS:

MANUFACTURER: BLUE VALLEY CABINETS ACME CABINET CO. DISTRIBUTOR: DOVE WHITE COLOR: DOOR STYLE: CLASSIC

OVERLAY: FULL KITCHEN & BATHROOM LOCATION:

CABINET PULLS (CP-X)

MANUFACTURER: BERENSON HARDWARE STYLE: METRO 224MM CC FINISH: BRUSHED NICKEL MODEL #: 9828-1BPN-P SIZE:

 9^{1}_{4} " (TYPICAL). SEE A-500'S FOR EXACT **SOLID SURFACE (SS-X):**

(SS-1) COUNTERTOPS MANUFACTURER: WILSONART PEARL MIRAGE 9199MG COLOR: PROFILE: EASED EDGE THICKNESS: 1-1/2"

TRANSITION STRIP (TS-X):

(TS-1) GENERAL FLOORING FOR SLOPED TRANSITIONS SCHLUTER SYSTEMS RENO-U SIZE TO BE V.I.F. IN ACCORDANCE WITH MATERIAL(S) THICKNESS

FINISH: CLEAR SATIN ANODIZED ALUMINUM LOCATION(S): ALL FLOORING MATERIAL CHANGES AS NECESSARY NOTE(S): SEE GENERAL NOTES

(TS-2) TILE BASE CAP MANUFACTURER:

STYLE & SIZE:

STYLE & SIZE:

FINISH:

SCHLUTER SYSTEMS JOLLY SIZE TO BE V.I.F. IN

ACCORDANCE WITH MATERIAL(S) THICKNESS CLEAR SATIN ANODIZED ALUMINUM ALL WALL MATERIAL CHANGES

LOCATION(S): AS NECESSARY NOTE(S): SEE GENERAL NOTES

SUSPENDED CEILING TILE (ACT-X):

ARMSTRONG CEILINGS MANUFACTURER: 24" X 24" SINGLE RAISED PANEL STYLE: EDGE PROFILE: TEGULAR

24" X 24" SIZE: THICKNESS: WHITE

COLOR: PRELUDE $\frac{15}{16}$ GRID SYSTEM SUSPENSION SYS.:

MISCELLANEOUS (MISC-X):

(MISC-1) BLINDS MANUFACTURER: **HUNTER DOUGLAS ARCHITECTURAL** EXPRESS BASICS ALTERNATIVE WOOD

BLINDS COLOR: LILY

ROOM FINISH LEGEND

FLOORS

LVT = LUXURY VINYL TILE

T = TILE

BASE

TB = TILE BASEWDB = WOOD BASE

WALLS

GWB = GYPSUM WALL BOARD

P = PAINTWT = WALL TILE

CEILING

GYP = GYPSUM BOARD

SCT = SUSPENDED CEILING TILE

MATERIALS

GYP = GYPSUM BOARD

MISCELLANEOUS

CAB = CABINET

CP = CABINET PULLS

EGG = EGGSHELL EXIST = EXISTING

MEP = MECHANICAL, ELECTRICAL, PLUMBING

MISC = MISCELLANEOUS

SG = SEMI GLOSS

SS = SOLID SURFACE

TS = TRANSITION STRIP

GENERAL NOTES

- G1. NO CHANGES OR SUBSTITUTIONS SHALL BE MADE TO THE FOLLOWING FINISHES UNLESS DIRECTED BY THE OWNER OR THE ARCHITECT.
- G2. MANY FINISH MATERIALS REQUIRE A SUBSTANTIAL LEAD TIME. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ORDER ALL MATERIALS AT THE APPROPRIATE TIME. ANY FEES INCURRED AS A RESULT OF FINISHES NOT BEING ORDERED ON TIME WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- G3. ANY AND ALL FINISH SELECTIONS/COLORS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL ACCOUNTING FOR PROPER LEAD TIME. ANY FINISH THAT IS INSTALLED WITHOUT ARCHITECTS APPROVAL MAY BE REOUIRED TO BE REMOVED AND REPLACED BY THE GENERAL CONTRACTOR.
- G4. ANY DISCREPANCIES BETWEEN ARCHITECTURAL ELEVATION(S), PLAN(S), SCHEDULE(S) AND NOTES MUST BE BROUGHT TO ARCHITECTS ATTENTION. ARCHITECTS MUST BE CONTACTED AND GIVE
- G5. IF COLOR OR FINISH IS NOT SPECIFIED CONTACT THE ARCHITECT FOR CLARIFICATION
- G6. ALL PAINTING, INCLUDING MEP ITEMS THAT REQUIRE PAINTING, IS UNDER THE PAINTER'S SCOPE OF

APPROVAL TO MOVE FORWARD WITH SPECIFIC DIRECTION PRIOR TO ANTICIPATED ACTION.

G7. ALL INTERIOR PRODUCTS TO MEET/EXCEED FLAME SPREAD RATING PER CODE.

WINDOWS

G1. ALL GLAZING FACING EXTERIOR TO RECEIVE BLINDS AS SCHEDULED (MISC-1).

- G1. ALL GYPSUM BOARD CEILINGS AND GYPSUM BOARD SOFFITS SHALL BE FINISHED TO LEVEL 4 DRYWALL FINISH AND ARE TO BE PAINTED IN A FLAT FINISH.
- G2. ALL EXPOSED MECHANICAL DUCT COVERS SHALL BE PAINTED TO MATCH THE SURROUNDING
- WALL/CEILING COLOR. PRIME AS NECESSARY G3. ALL EXPOSED PLUMBING FIXTURES/ MECHANICAL DUCT/SUPPLY/RETURN SYSTEMS TO BE PAINTED

AND/OR PURCHASED IN A COLOR TO MATCH THE SURROUNDING WALL/CEILING COLOR.

G4. ANY CEILING HVAC SUPPLY/DIFFUSERS TO BE PAINTED TO MATCH SURROUNDING CEILING FINISH. ANY QUESTION OR CONCERN TO BE BROUGHT TO ARCHITECTS ATTENTION FOR FINAL DECISION PRIOR TO

- G1. ALL GWB WALLS SHALL BE FINISHED TO LEVEL 4 DRYWALL FINISH AND INCLUDE (1) COAT WALL PRIMER FOLLOWED BY (2) COATS WALL PAINT ON ALL INTERIOR WALL SURFACE UNLESS OTHERWISE NOTED IN SPECIFICATIONS. SEE SPEC FOR DETAILS.
- G2. ALL SURFACE MOUNTED CONDUITS SHALL BE PAINTED TO MATCH WALL PAINT.
- G3. PROVIDE SCHLUTER STRIP AS SCHEDULED AT EXPOSED UNFINISHED TILE EDGES. NECESSARY SIZES TO BE DETERMINED BY CONTRACTOR AND V.I.F. BASED ON MATERIAL THICKNESS.
- G4. ALL ELECTRICAL PANEL COVERS AND/OR MECHANICAL EQUIPMENT AND/OR DUCTING TO BE PAINTED TO MATCH ADJOINING WALL.

G1. ALL FLOOR FINISHES TO EXTEND BELOW ALL MILLWORK

ORDER/INSTALL BY CONTRACTOR OR OTHERS.

G2. CONTRACTOR TO PROVIDE TRANSITION STRIP AS SCHEDULED AT ALL FLOORING MATERIAL CHANGES NEEDING THRESHOLDS. NECESSARY SIZES TO BE DETERMINED BY CONTRACTOR AND V.I.F. BASED ON MATERIAL THICKNESS.

MILLWORK:

- G1. PROVIDE CLEAR BEAD OF SILICONE OR CLEAR CAULK TO SEAL BETWEEN MILLWORK PIECES (IE:COUNTERTOP AND BACKSPLASH) AND MILLWORK AND WALL (TYPICAL.).
- G2. MILLWORK FINISHES ON SHOP DRAWINGS MUST BE APPROVED BY ARCHITECT PRIOR TO PRODUCTION.
- G3. USE BERENSON HARDWARE METRO- 224MM CC IN BRUSHED NICKEL FINISH (9828-1BPN-P) FOR ALL
- G4. PROVIDE TRIM UNDER ALL KITCHEN ISLAND COUNTERS/OVERHANGS.

OUTLETS:

MILLWORK.

G1. ALL PLATE COLORS AND RECEPTACLES TO BE WHITE

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DOFI PROPERTIES

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117 Humboldt Parkway Buffalo, NY 14214

ISSUED FOR PERMIT

SA PROJECT TEAM: PRINCIPAL P.Silvestri

PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>



TITLE:

FINISH SCHEDULE



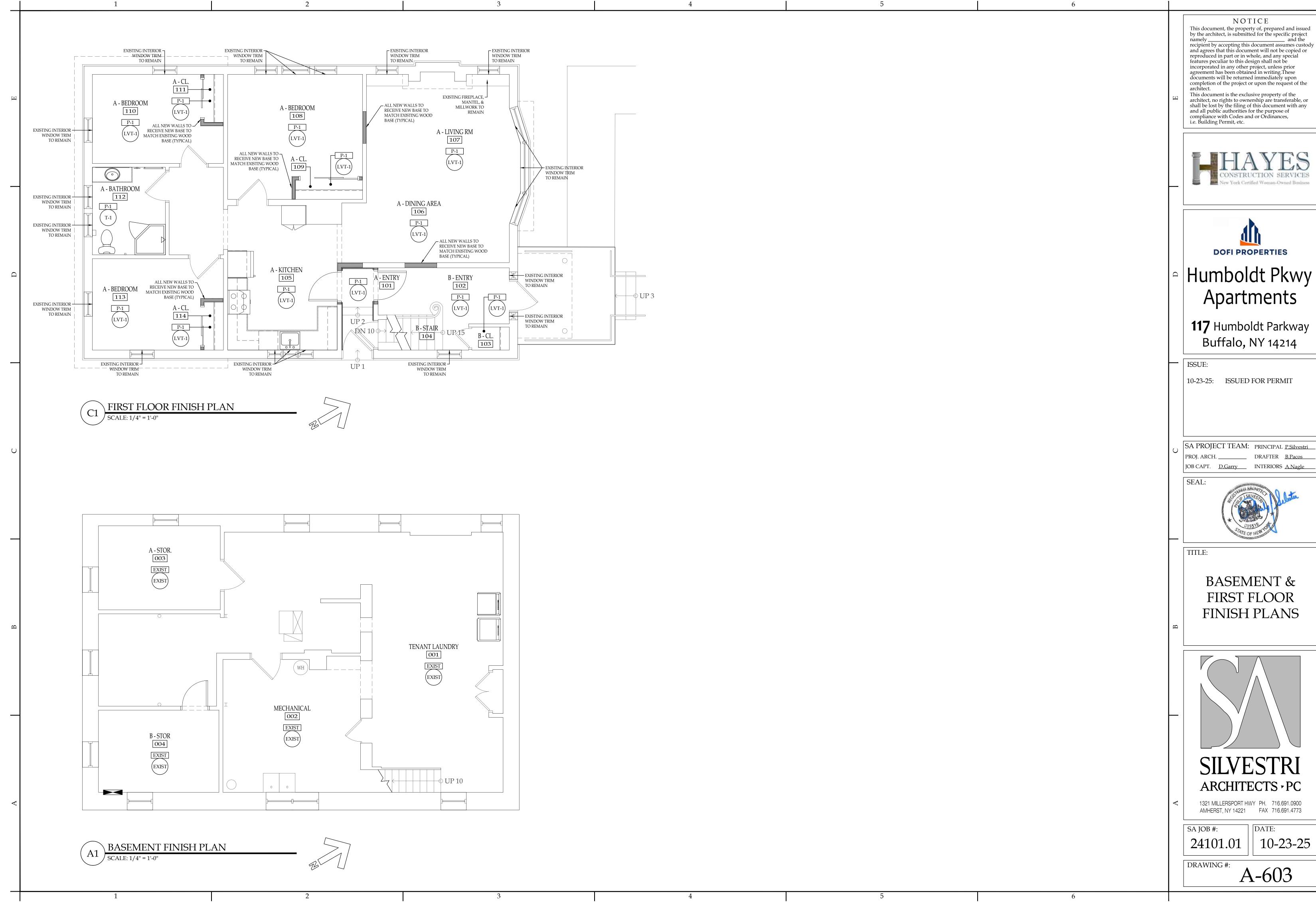
1321 MILLERSPORT HWY PH. 716.691.0900

AMHERST, NY 14221 FAX 716.691.4773

SA JOB #:

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JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>



10-23-25

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WINDOW TRIM WINDOW TRIM WINDOW TRIM TO REMAIN & BE PAINTED P-2. TO REMAIN & BE TO REMAIN & BE PAINTED P-2. PAINTED P-2. B - CLOSET 206 B - BEDROOM
205
P-1
LVT-1 (LVT-1) B - LIVING RM TITLE: 208 – EXISTING INTERIOR WINDOW TRIM TO REMAIN & BE PAINTED P-2. EXISTING INTERIOR — WINDOW TRIM TO REMAIN & BE PAINTED P-2. B - CORRIDOR EXISTING LINEN

CLOSET

MILLWORK TO $\exists B - BATHROOM (T-1)$ 204 EXISTING INTERIOR -REMAIN WINDOW TRIM EXISTING INTERIOR TO REMAIN & BE WINDOW TRIM PAINTED P-2. TO REMAIN & BE RECEIVE NEW BASE TO PAINTED P-2. MATCH EXISTING WOOD BASE (TYPICAL) EXISTING INTERIOR — WINDOW TRIM TO REMAIN & BE PAINTED P-2. B - BEDROOM – EXISTING INTERIOR WINDOW TRIM B - KITCHEN TO REMAIN & BE PAINTED P-2. 209 B-STAIR 104 EXISTING INTERIOR J L EXISTING INTERIOR L EXISTING INTERIOR WINDOW TRIM
TO REMAIN & BE
PAINTED P-2. AMHERST, NY 14221 FAX 716.691.4773 WINDOW TRIM WINDOW TRIM TO REMAIN & BE
PAINTED P-2. TO REMAIN SA JOB #: DATE: 24101.01 SECOND FLOOR FINISH PLAN SCALE: 1/4" = 1'-0" DRAWING #: A-604

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SECOND FLOOR FINISH PLAN



10-23-25

AIR DEVICE SCHEDULE

MARK	TYPE	STYLE	FACE	BASIS OF DESIGN
А	SUPPLY	BASEBOARD	10"×4"	HART & COOLEY MODEL 420

MARK — (A) 150 — CF

NOTES

- FINISH TO MATCH ARCHITECTURAL.
 OPTIONAL VOLUME DAMPER ON ALL DIFFUSERS MOUNTED IN
- GYPSUM CEILINGS OR SOFFITS.

3. PROVIDE ALL REQUIRED MOUNTING FRAMES AND HARDWARE.

RETURN GRILLE EXHAUST FAN UNDERCUT DOOR (3/4") EXHAUST AIR DUCTWORK

EXISTING THERMOSTAT

ABBREVIATIONS

AFF AFG ARCH BMS BTU CLG CONST DIA DWG EC FL G GPM HT HTG HVAC INV MCAP MIC NTA ODP RPM S.P. TYPIL WH NG	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ARCHITECT BUILDING MANAGEMENT SYSTEM BRITISH THERMAL UNIT CEILING CUBIC FEET PER MINUTE COMPUTER ROOM AIR CONDITIONER CONNECTION CONSTRUCTION DETAIL DIAMETER DOWN DRAWING ELECTRICAL CONTRACTOR FLOOR GAS GALLONS PER MINUTE HORSEPOWER HEIGHT HEATING HEATING VENTILATING AND AIR COND INVERT KILOWATTS THOUSAND BTU PER HOUR MIN. CIRCUIT AMPACITY MAX. OVERCURRENT PROTECTION MOUNTED NOT IN CONTRACT NOT TO SCALE OUTSIDE AIR OPEN DRIP PROOF POLYVINYLCHLORIDE REVOLUTIONS PER MIN. STATIC PRESSURE TYPICAL UTILITY WATER HEATER NATURAL GAS

GENERAL HVAC NOTES

- A. CONTRACTOR SHALL MAINTAIN A MIN. OF 10 FEET CLEARANCE BETWEEN OUTSIDE AIR INTAKES AND EXHAUSTS, PLUMBING VENTS, ETC.
- B. CONTRACTOR SHALL MAINTAIN RECOMMENDED CLEARANCES FOR MAINTENANCE, OPERATION, ETC. ON ALL MECHANICAL EQUIPMENT.
- C. CONTRACTOR SHALL COORDINATE ALL HVAC WORK WITH OTHER TRADES, ELECTRICAL, PLUMBING, STRUCTURAL, ETC.
- D. ALL WORK SHALL BE IN FULL COMPLIANCE WITH ALL STATE AND LOCAL CODES AND REGULATIONS.
- E. HVAC EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- F. COORDINATE EXACT LOCATION OF HVAC UNITS WITH ARCHITECTURAL DRAWINGS AND STRUCTURAL STEEL.
- G. CONTRACTOR SHALL COORDINATE FINAL LOCATION OF THERMOSTATS WITH OWNER.

HVAC SPECIFICATIONS

NOTE: MANUFACTURERS' NAMES ON WHICH THIS SPECIFICATION IS BASED INDICATE THE MINIMUM QUALITY OF PRODUCT REQUIRED. SUBSTITUTION MAY BE MADE TO THOSE SPECIFIED IF DEEMED EQUIVALENT BY THE OWNER'S REPRESENTATIVE. ALL WORK AND PRODUCTS SHALL MEET THE REQUIREMENTS OF GOVERNING CODES.

- 1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH ALL APPLICABLE CODES.
- 2. SEE ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS. ALL CONDITION REQUIREMENTS SHALL APPLY UNLESS OTHERWISE NOTED.
- 3. ALL WORK SHALL BE PERFORMED AS INDICATED ON DRAWINGS UNLESS FIELD CONDITIONS REQUIRED MINOR CHANGES BE MADE. MINOR CHANGES SHALL BE MADE WITH NO ADDITIONAL COST.
- 4. ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE WORK BY THE OWNER.
- 5. CONTRACTOR SHALL PREPARE AND SUBMIT AS-BUILT DRAWINGS TO THE OWNER AND THE LANDLORD. AS-BUILT DRAWINGS SHALL INDICATE THE ACTUAL MANUFACTURER OF THE EQUIPMENT THAT WAS INSTALLED, THE EXACT LOCATION OF THE EQUIPMENT AND PERTINENT CAPACITIES FOR HEATING, COOLING, ELECTRICAL, ETC.
- 6. DEFICIENCIES AND NON—CONFORMING ITEMS SHALL BE CORRECTED BY THE CONTRACTOR. FAILURE TO CORRECT SUCH ITEMS SHALL PERMIT THE OWNER TO CORRECT SAME AT A COST TO THE CONTRACTOR
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS AND PAYING FOR SAME. HE SHALL INCLUDE IN HIS BID CHARGES FOR ALL FEES ASSOCIATED WITH THE CONSTRUCTION OF THE SPACE INCLUDING BUT NOT LIMITED TO LOCAL, COUNTY, OR STATE SERVICE CHARGES AND PERMIT FEES.
- 8. THE SCOPE OF WORK OF THIS CONTRACT INCLUDES, BUT SHALL NOT BE LIMITED
- A. PROVIDE AND INSTALL ALL EQUIPMENT, APPLIANCES, CONTROL DEVICES, ACCESSORIES, MATERIAL AND LABOR.
- B. PROVIDE AND INSTALL ALL DUCTWORK, INSULATION, AIR DEVICES DUCT ACCESSORIES, MATERIAL AND LABOR
- C. PROVIDE AND INSTALL ALL PIPING, FITTINGS, VALVES, INSULATION, ACCESSORIES, MATERIAL AND LABOR
- D DDOVIDE AND INSTALL TOLLET EVHALIST SYSTEM INDICATED
- D. PROVIDE AND INSTALL TOILET EXHAUST SYSTEM INDICATED.
- E. CLEAN, TEST AND PUT INTO SERVICE ALL SYSTEMS SPECIFIED.F. PROVIDE A BALANCE REPORT PREPARED BY AN INDEPENDENT AABC OR NEBB CERTIFIED AIR BALANCE CONTRACTOR.
- G. WARRANTY ALL WORK AND MATERIALS HEREIN SPECIFIED FOR A PERIOD OF NOT LESS THAN ONE YEAR.
- 9. MATERIALS
 - 9.1. ALL MATERIALS SHALL BE NEW AND OF RECOGNIZED COMMERCIAL QUALITY. USED MATERIALS WILL NOT BE PERMITTED.
- 9.2. DUCTWORK

SHALL BE GALVANIZED SHEET METAL, FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF SMACNA — "HVAC DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE".

DUCTWORK 18" WIDTH AND LARGER SHALL BE CROSS—BROKEN OR RIBBED AND STIFFENED SO THAT IT WILL NOT "BREATHE", RATTLE, VIBRATE OR

9.3. FLEXIBLE DUCTWORK

FLEXIBLE DUCTS SHALL BE FLAT METAL SPIRAL WITH FLAME RESISTANCE PER NBFU AND NFPA STANDARDS. DUCTS SHALL HAVE INTEGRAL INSULATION 1" THICK, 3/4 LB. DENSITY GLASS FIBER ENCLOSED IN A VINYL VAPOR BARRIER.MINIMUM R VALUE = 5. SECURE INSULATED JACKET TO DUCT TAKEOFFS AND DIFFUSER COLLARS. MAXIMUM LENGTH OF FLEXIBLE DUCT IS 5'-0".

ALL FLEX DUCT SHALL BE FULLY STRETCHED OUT TO REDUCE AIR RESISTANCE.

CONNECTIONS TO FITTINGS OR AIR DEVICES SHALL BE MADE WITH TWO (2) STAINLESS STEEL BANDS. THE INNER LINER SHALL BE CLAMPED TIGHT WITH THE FIRST BAND, THEN THE INSULATION AND VAPOR—PROOF JACKET PULLED TO BE TIGHT AGAINST THE DUCT FITTING OR AIR DEVICE AND SECURED WITH THE SECOND BAND. INSTALLATION SHALL BE AS RECOMMENDED BY THE DUCT MANUFACTURER AND SMACNA

SUPPORT THE FLEXIBLE DUCT WITH ADEQUATE HANGERS TO RELIEVE STRAIN ON ANY FITTING. UNNECESSARY BENDS, SAGS, TWISTS., WILL NOT BE ALLOWED.

9.4. DUCT INSULATION

INSULATION SUPPLY AND RETURN AIR DUCTWORK WITH MINIMUM R=6 FOR NON-CONDITIONED SPACE AND MIN R=12 FOR OUTSIDE DUCTS IN ACCORDANCE WITH THE STATE ENERGY CONSERVATION CODE. PROVIDE VAPOR BARRIER.

LINED DUCT SHALL BE LINED WITH 1" THICK COATED FIBERGLASS BOARD EQUAL TO JOHNS MANVILLE "PERMACOTE" INSULATION. SHALL BE PER SMACNA STANDARDS AND MANUFACTURER'S INSTRUCTIONS. LINED DUCTWORK SHALL BE USED WHERE INDICATED ON DRAWING

ALL DUCT INSULATION SHALL BE UL LABELED FOR FIRE AND SMOKE

DUCT INSULATION SHALL BE EQUAL TO PRODUCTS MANUFACTURED BY CERTAINTEED AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

9.5. AIR DEVICES

CEILING DIFFUSERS SHALL HAVE A FRAME STYLE COMPATIBLE WITH THE TYPE OF CEILING USED. THE DIFFUSER FACE SIZE OR FACE PLATE SIZE SHALL BE OF THE SAME NORMAL SIZE AS THE CEILING MODULE. DIFFUSERS SHALL HAVE HIGH ANTI-SMUDGE CHARACTERISTICS. REFER TO AIR DEVICE SCHEDULE.

9.6. PIPING AND FITTINGS

CONDENSATE DRAIN PIPING SHALL BE TYPE L COPPER WITH SOLDERED JOINTS AND WROUGHT COPPER FITTINGS.

10. EQUIPMENT

HVAC EQUIPMENT SHALL BE AS SCHEDULED ON THE DRAWINGS AND/OR SPECIFIED HEREIN. EQUIVALENT EQUIPMENT AND/OR COMPONENTS THEREOF MAY BE SUBSTITUTED FOR SPECIFIED EQUIPMENT ONLY AS APPROVED BY THE OWNER AND/OR THE PROJECT ENGINEER.

11. EXECUTION

11.1. GENERAL

ACCESSIBILITY — ALL EQUIPMENT SHALL BE INSTALLED IN SUCH A MANNER THAT ALL COMPONENTS REQUIRING ACCESS ARE LOCATED AND INSTALLED THAT THEY MAY BE SERVICED, RESET, REPLACED, OR RECALIBRATED, ETC., BY SERVICE PEOPLE WITH NORMAL SERVICE TOOLS AND FOLIPMENT

WORK BY OTHER TRADES — FOR THE WORK REQUIRED BY OTHER TRADES FOR CHANGES MADE BY THIS CONTRACTOR IN TYPE OR SIZE OF EQUIPMENT PURCHASED, ANY CUTTING, PATCHING, FURRING, PAINTING, ELECTRICAL OR PLUMBING WORK SHALL BE DONE BY THE AFFECTED TRADE AT THIS CONTRACTOR'S EXPENSE.

EARLY START—UP — THIS CONTRACTOR SHALL ENSURE THAT ALL MECHANICAL EQUIPMENT IS CONNECTED WITH ELECTRICAL POWER AS EARLY AS POSSIBLE SO THAT BALANCING AND TESTING CAN BEGIN AT THE EARLIEST DATE AVAILABLE.

CLEANING AND PAINTING — THOROUGHLY CLEAN ALL EQUIPMENT AND REMOVE ALL TRASH, CARTONS, ETC., FROM THE WORK AREA. MAKE ANY NECESSARY CORRECTIONS OR REPAIR/ REPLACE ANY DAMAGED MATERIALS OR EQUIPMENT. LEAVE THE ENTIRE SPACE IN A THOROUGHLY CLEAN AND ORDERLY MANNER. ANY FINISHED SURFACES THAT HAVE BEEN SCRATCHED OR DISCOLORED SHALL BE TOUCHED UP OR REPAINTED TO MATCH THE ORIGINAL COLOR. IF ANY PART HAS BEEN BENT, BROKEN OR OTHERWISE DAMAGED, IT SHALL BE REPLACED PRIOR TO PROJECT CLOSEOUT. ALL METAL ITEMS INSIDE THE BUILDING SUBJECT TO RUSTING, AND ALL FERROUS METAL EXPOSED TO THE WEATHER SHALL BE GIVEN ONE COAT OF RUST PREVENTIVE PRIMER AS SOON AS INSTALLED.

11.2. EQUIPMENT INSTALLATION

ALL EQUIPMENT AND RELATED PIPING, DUCTWORK, CONTROL WIRING AND ACCESSORIES SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND, IF INSTALLED WITHIN WITHIN THE BUILDING ENVELOPE SHALL BE INSTALLED AS HIGH AS POSSIBLE TO ALLOW THE MAXIMUM AMOUNT OF HEADROOM. EQUIPMENT THAT REQUIRES ROUTINE MAINTENANCE SUCH AS FILTER REPLACEMENT SHALL BE INSTALLED AND ARRANGED TO BE ACCESSIBLE. PROVIDE ACCESS PANEL(S) AS

REQUIRED AND/OR AS RECOMMENDED BY THE EQUIPMENT
MANUFACTURER. ALL EQUIPMENT SHALL BE INSTALLED WITH THE
REQUIRED CLEARANCES AS RECOMMENDED BY THE EQUIPMENT
MANUFACTURER OR AS REQUIRED BY GOVERNING CODES, WHICHEVER IS
GREATER.

11.3. DUCTWORK

LOW PRESSURE DUCTWORK AND FITTING SHALL BE MADE TIGHT FOR MINIMUM AIR LEAKAGE. DUCT TAPE SHALL NOT BE USED TO SEAL JOINTS, TO MAKE TRANSITIONS OR FOR ANY OTHER REASON ON THE OUTSIDE OF THE WRAPPED INSULATION

INSTALL DUCTWORK AS HIGH AS POSSIBLE.

PROVIDE TURNING VANES AT ALL CHANGES IN DIRECTION.

PROVIDE VANED TEES AT BRANCH CONNECTIONS SERVING MORE THAN ONE DIFFUSER

PROVIDE VOLUME CONTROL DAMPERS AND BALANCING DEVICES AS REQUIRED TO DISTRIBUTE THE AIR AND AS INDICATED ON THE DRAWINGS.

NOTE: DUCT DIMENSIONS INDICATED ON THE DRAWINGS ARE INSIDE CLEAR, OR "FREE AREA" DIMENSIONS, CONTRACTOR SHALL MAKE ALLOWANCE FOR INTERNAL DUCT LINER (WHERE SPECIFIED) WHEN ORDERING PRE-FABRICATED DUCTWORK OR WHEN FABRICATING DUCTS IN THE FIELD.

11.4. AIR DEVICES

INSTALL ALL GRILLES AND DIFFUSERS TO BE FLUSH WITH THE PENETRATED SURFACE AND LEVEL OR STRAIGHT WITH SURROUNDING FEATURES. ALL CEILING MOUNTED AIR DEVICES SHALL BE LOCATED IN THE CEILING TILE INDICATED ON THE DRAWINGS. AT THE PROPER HEIGHT TO HOLD IT SNUG AGAINST THE CEILING.

12. INSTALL ROOF MOUNTED EQUIPMENT SUPPORT RAILS OR ROOF CURB AS REQUIRED FOR THE JOB CONDITIONS AND AS RECOMMENDED BY THE MANUFACTURER FOR THE INSTALLATION OF ROOF MOUNTED EQUIPMENT.

ALL ROOF PENETRATIONS FOR POWER AND CONTROL WIRING CONDUITS AND GAS, CONDENSATE, OR REFRIGERANT PIPING SHALL BE MADE WITH WATERPROOF PIPE SLEEVES OR CURB(S).

13. THIS CONTRACTOR SHALL ENGAGE THE SERVICES OF AN AABC OR NEBB CERTIFIED AIR BALANCE CONTRACTOR TO ADJUST AND COMPLETELY BALANCE THE INSTALLED SYSTEM(S) TO THE DESIGN AIR QUANTITIES. CONTRACTOR SHALL PROVIDE THE OWNER AND THE LANDLORD A COPY OF THE CERTIFIED AIR BALANCE REPORT SHOWING DESIGN AND MEASURED AIR QUANTITIES, STATIC PRESSURES, FAN MOTOR RPM AND MOTOR CURRENT, DEVIATION BETWEEN DESIGN AND MEASURED QUANTITIES SHALL NOT BE GREATER THAN 10%.

14. ALL MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THIS CONTRACTOR'S EXPENSE.

FOR THE SAME PERIOD, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE PREMISES BY DEFECTS IN HIS WORKMANSHIP OR WORK AND/OR EQUIPMENT INSTALLED BY OTHERS UNDER HIS CONTRACT.

KROMAC Design Inc.

MECHANICAL-ELECTRICAL ENGINEERING
10225 Main Street, Victoria Park, Suite 10B
Clarence, New York 14031
Phone: (716) 803-8787
Email: info@kromacdesign.com Project # 25-01-12

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Humboldt PkwyApartments

117 Humboldt Parkway Buffalo, NY 14214

ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri
PROJ. ARCH. _____ DRAFTER B.Pacos

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>

SEAL



TITLE:

SCHEDULES AND SPECIFICATIONS



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

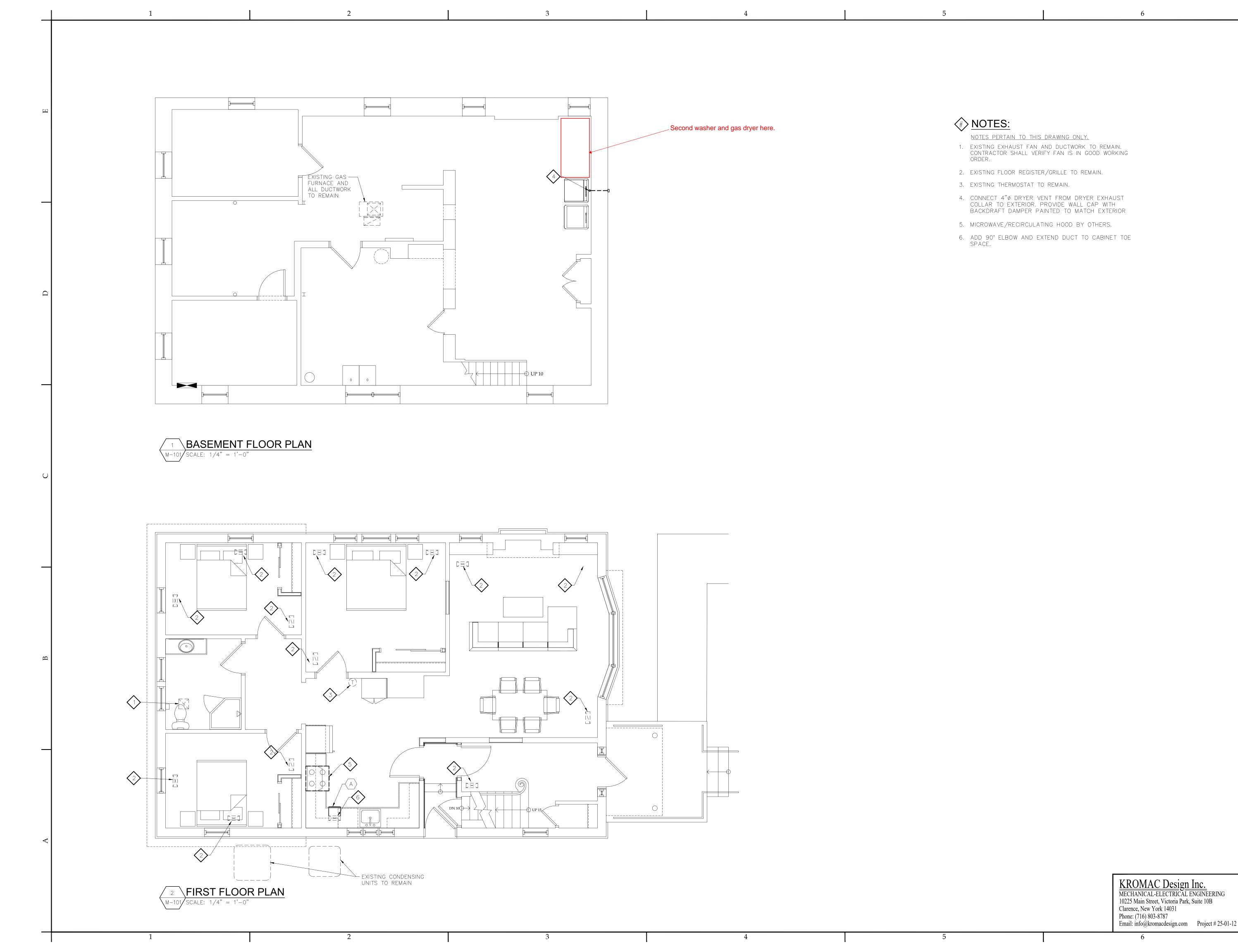
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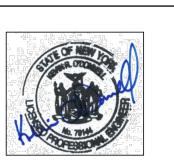
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TITLE:

BASEMENT AND FIRST FLOOR PLANS



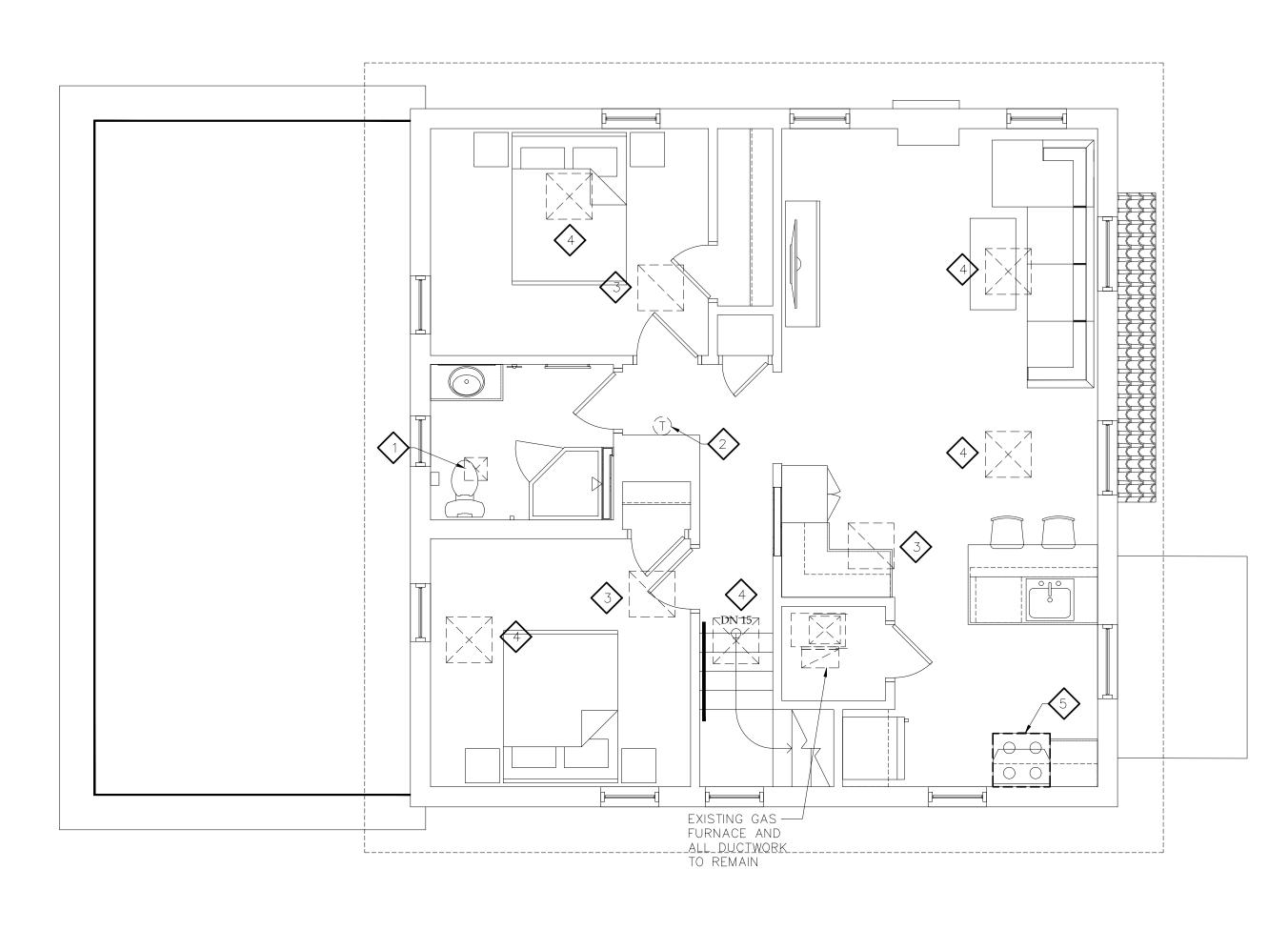
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M-101



SECOND FLOOR PLAN M-102 SCALE: 1/4" = 1'-0"

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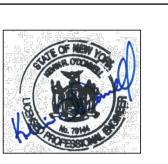
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SECOND FLOOR PLAN



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SA JOB #: 24101.02

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Clarence, New York 14031 Phone: (716) 803-8787

DATE:

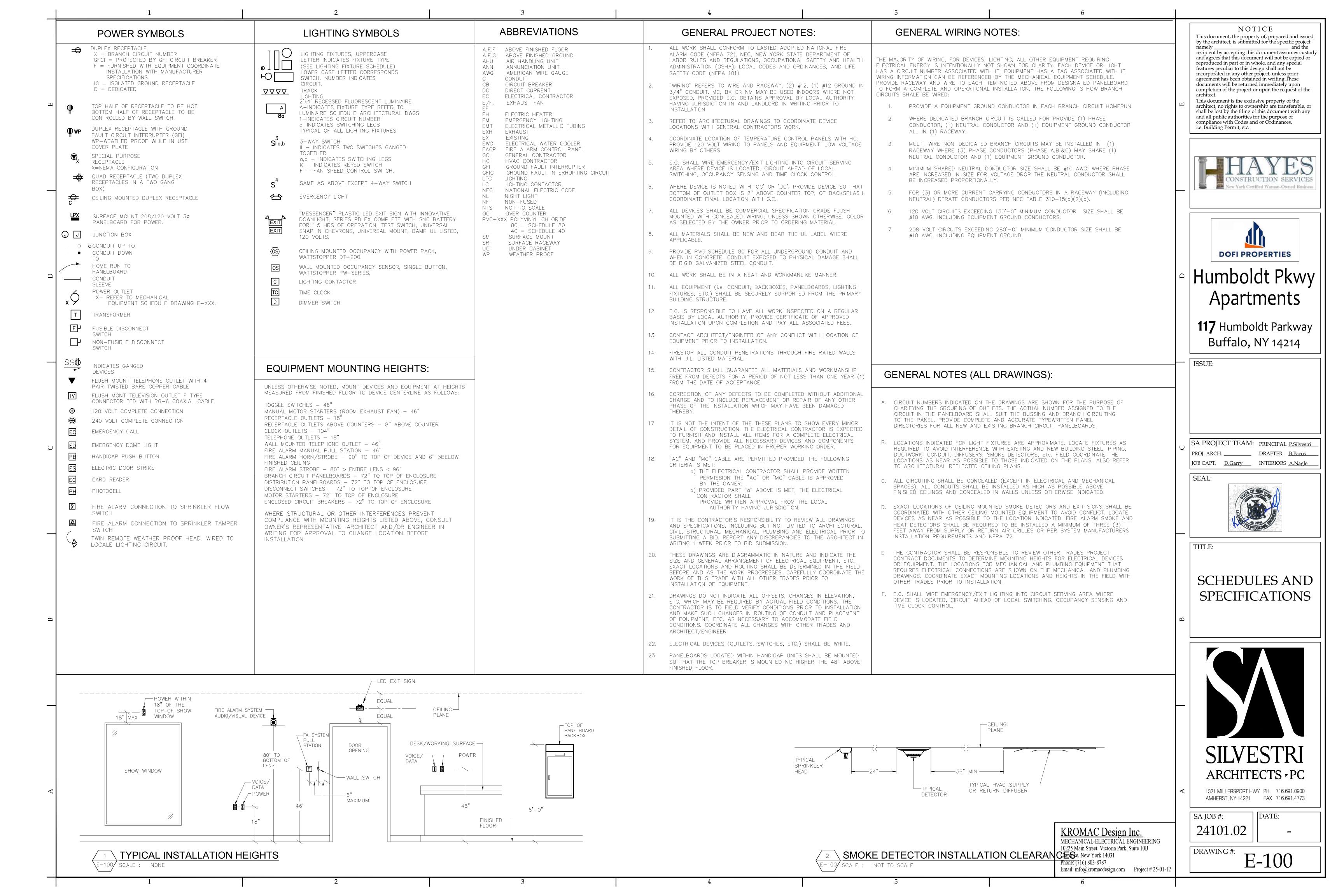
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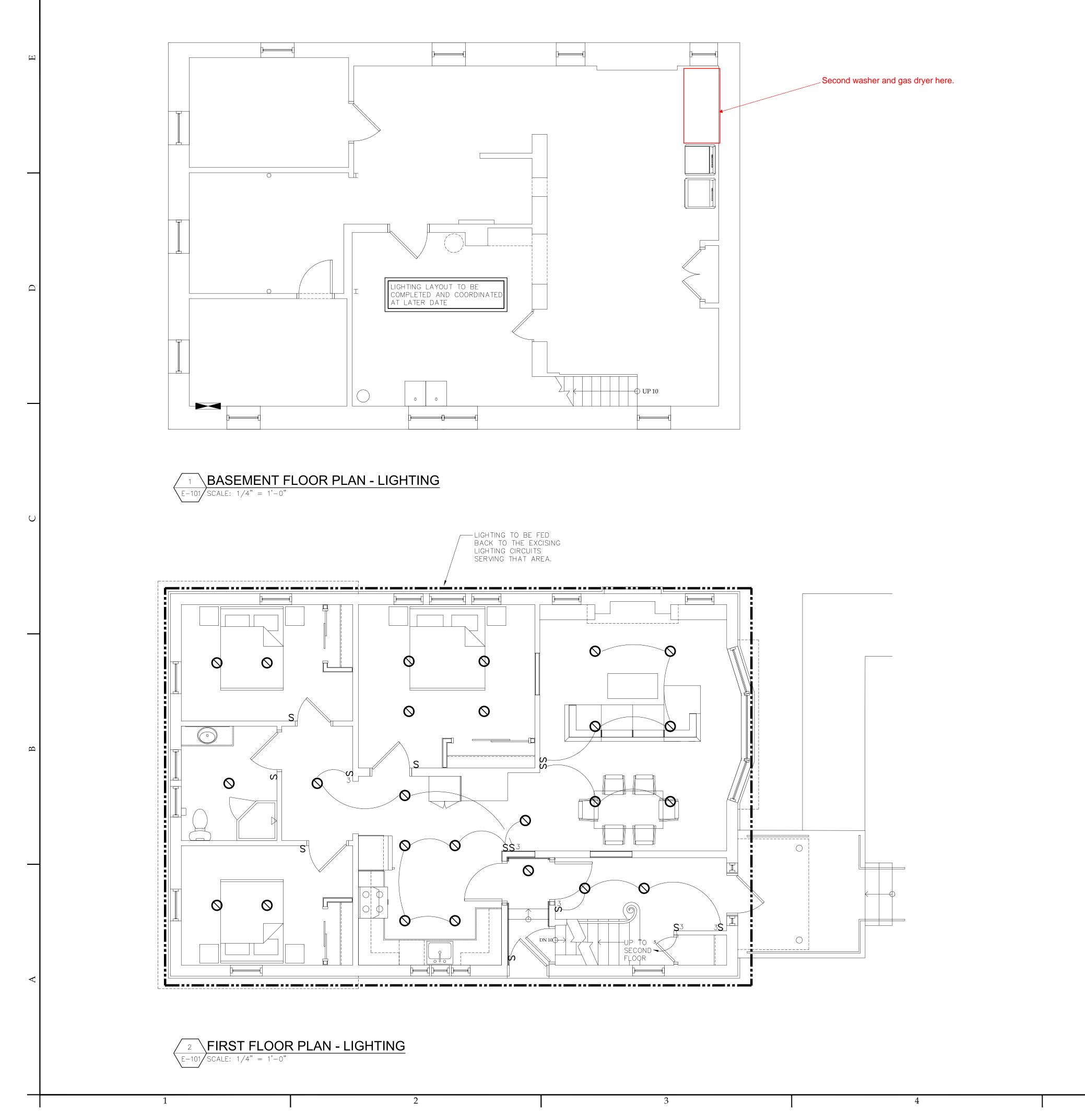
M-102

NOTES:

NOTES PERTAIN TO THIS DRAWING ONLY.

- EXISTING EXHAUST FAN AND DUCTWORK TO REMAIN. CONTRACTOR SHALL VERIFY FAN IS IN GOOD WORKING
- 2. EXISTING THERMOSTAT TO REMAIN. VERIFY UNIT AND REPLACE IF NECESSARY.
- 3. EXISTING RETURN GRILLE TO REMAIN.
- 4. EXISTING SUPPLY DIFFUSER TO REMAIN.
- 5. MICROWAVE/RECIRCULATING HOOD BY OTHERS.





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TITLE:

ELECTRICAL FLOOR PLANS -LIGHTING



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SA JOB #: 24101.02

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DATE:

DRAWING #:

E-101

LIGHTING CIRCUITS SERVING THAT AREA. **X X ()** DN 15 0

> SECOND FLOOR PLAN - LIGHTING (-102) SCALE: 1/4" = 1'-0"

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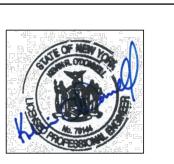
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PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u> JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>



TITLE:

ELECTRICAL FLOOR PLANS -LIGHTING



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SA JOB #: 24101.02

DATE:

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E-102

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Email: info@linemand.sign.com. | Project # 25.01 Email: info@kromacdesign.com Project # 25-01-12

Second washer and gas dryer here. <u>FURNACE</u> TO REMAIN EXISTING ELECTRICAL — EQUIPMENT SHALL REMAIN AS IS <u>HEATER-1</u> (GAS) TO REMAIN EXISTING ELECTRICAL — EQUIPMENT SHALL REMAIN AS IS **BASEMENT FLOOR PLAN - POWER** E-103/SCALE: 1/4" = 1'-0"EXISTING ELECTRICAL — EQUIPMENT SHALL REMAIN AS IS EXISTING MECHANICAL SYSTEM ARE TO REMAIN

FIRST FLOOR PLAN - POWER

GENERAL NOTES:

- A. PROVIDE #12 AWG. IN UNITS UNLESS SHOWN OTHER WISE.
- B. RECEPTACLES LOCATED IN THE DWELLING UNITS SHALL BE TAMPER RESISTANT.
- C. ALL BEDROOM, LIVING ROOM, KITCHEN, HALLWAY, LIVING SPACES BRANCH CIRCUITS THAT SUPPLY 125-VOLT, 20A-1P RECEPTACLES IN APARTMENTS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.
- D. PROVIDE A (1) RG-6 COAXIAL CABLE FROM TV JACK TO THE HEAD END EQUIPMENT. TERMINATE TO TYPE F CONNECTOR WALL PLATES WHERE SHOWN ON PLANS.
- E. PROVIDE A TWISTED PAIR #24 AWG SOLID BARE COPPER WIRE FROM THE TELEPHONE JACK TO THE TELEPHONE DEMARK PANEL.
- F. ALL RECEPTACLE/DATA LOCATIONS SHALL BE VERIFIED WITH OWNER PRIOR TO ROUGH—IN. ALL CIRCUIT(NEW/EXISTING) SHALL BE VERIFIED WITH EXISTING FIELD CONDITIONS AND ADJUST CIRCUIT NUMBERS AS REQUIRED.

DRAWING NOTES:

PROVIDE NEMA RECEPTACLE TO SUPPLY ELECTRIC RANGE. PROVIDE 2#8, 1#10GND WIRE BRANCH CIRCUIT. PROVIDE & MAKE FINAL CONNECTIONS TO A 50A-2P CIRCUIT BREAKER IN LOCAL APARTMENT PANEL. COORDINATE NEMA RECEPTACLE CONFIGURATION WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLING.

- PROVIDE 20A-1P CIRCUIT WITH A SINGLE RECEPTACLE LOCATED ABOVE FOR MICROWAVE/EXHAUST HOOD TO LOCAL APARTMENT PANEL. PROVIDE 2#12, 1#12GND.
- 3. PROVIDE A 20A-1P DEDICATED BRANCH CIRCUIT WITH GFCI/AFCI BREAKER TO SERVE UNDERCOUNTER DISHWASHER. PROVIDE (2) #12 & 1 #12 GND.
- 4. COORDINATE EXACT LOCATION OF EXISTING ELECTRIC PANEL IN FEILD.
- 5. REFRIGERATOR SHALL BE PROTECTED BY A GFCI TYPE BREAKER.
- 6. CONTRACTOR SHALL RECONNECT EXISTING MECH./PLUMBING EQUIPMENT BACK TO NEW HOUSE PANEL 'HP' AS REQUIRED. ELECTRICAL CONTRACTOR SHALL MAKE INSTALLATION COMPLETE AND OPERATIONAL. COORDINATE EXACT REQUIREMENTS IN FIELD.
- 7. PROVIDE A 120V RECEPTACLE FOR WASHER. PROVIDE A 20A/1P CIRCUIT. COORDINATE EXACT CONNECTION REQUIREMENT WITH EQUIPMENT TO BE INSTALLED PRIOR TO ROUGH—IN.
- 8. PROVIDE A 120V RECEPTACLE FOR GAS DRYER. PROVIDE A 20A/1P CIRCUIT. COORDINATE EXACT CONNECTION REQUIREMENT WITH EQUIPMENT TO BE INSTALLED PRIOR TO ROUGH—IN.
- 9. PROVIDE A 100AMP, 120/208V, 3Ø, 4-WIRE SUB-PANEL FROM THE EXISTING 120V/208V MAIN ELECTRIC PANEL.
- 10. ELECTRICAL CONTRACTOR SHALL FEED RECEPTACLES FORM AN EXISTING 20A/1P RECEPTACLE CIRCUIT SERVING THAT AREA. PROVIDE A NEW 20A/1P CIRCUIT IF REQUIRED. NO MORE THEN (8)EIGHT RECEPTACLES TO A 20A/1P CIRCUIT. ALL RECEPTACLES DESIGNATED WITH SUBSCRIPT 'D' ARE TO BE DEDICATED CIRCUITS.
- 11. PROVIDE A 35A/1P DEDICATED BRANCH CIRCUIT TO SERVE WATER HEATER. PROVIDE 2#8 & 1#10 GND IN 3/4"øC.

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Humboldt Pkwy Apartments

117 Humboldt Parkway Buffalo, NY 14214

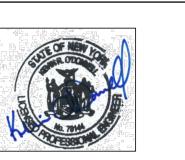
ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri

PROJ. ARCH. DRAFTER B.Pacos

JOB CAPT. D.Garry INTERIORS A.Nagle

SEAL



TITI E.

ELECTRICAL FLOOR PLANS -POWER



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: **24101.02**

DATE:

DRAWING #:

E-103

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MECHANICAL-ELECTRICAL ENGINEERING
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Project # 25-01-12

ENSTING CAS Q

SECOND FLOOR PLAN - POWER

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. REFER TO DRAWING E-103 FOR ALL GENERAL AND KEYED DRAWING NOTES PERTAINING TO THIS DRAWING.

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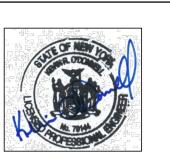
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SEAL



TITLE:

ELECTRICAL FLOOR PLANS -POWER



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

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E-104

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Email: info@kromacdesign.com Project # 25-01-12

BASIC ELECTRICAL REQUIREMENTS

- 、 THE INSTRUCTIONS TO BIDDERS, FORM OF BID. FORM OF CONTRACT, GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS AND THE CONTRACT DRAWINGS ARE A PART OF THE SPECIFICATIONS FOR THIS DIVISION OF WORK AND THIS CONTRACTOR SHALL REFER TO THEM FOR INSTRUCTIONS PERTAINING TO HIS
- "THE CONTRACTOR", "THIS CONTRACTOR", "EC", AND "DIVISION 16", AS USED IN THESE DRAWINGS AND SPECIFICATIONS, MEANS THE ELECTRICAL CONTRACTOR. "FURNISH AND INSTALL", "SUPPLY", AND "INSTALL", AS USED IN THESE SPECIFICATIONS, MEANS A COMPLETE AND WORKABLE INSTALLATION BY THE E.C.
- WHERE SPECIFICATIONS AND/OR DRAWINGS CONFLICT WITH ANY CODE REQUIREMENT, CODE REQUIREMENTS SHALL BE FOLLOWED.
- CODES AND STANDARDS:

WIRING DEVICES

- 1. NEW YORK STATE BUILDING CODE
- 2. NFPA STANDARDS 3. ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES
- 4. STATE CONSERVATION CONSTRUCTION CODE 5. LATEST ADOPTED NATIONAL ELECTRICAL CODE
- THE ELECTRICAL SYSTEMS COVERED BY THIS CONTRACT INCLUDE, BUT ARE NOT LIMITED TO:
- BRANCH CIRCUIT WIRING AND RACEWAYS
- DISCONNECT MOTOR STARTERS AND MOTOR STARTING EQUIPMENT
- 5. GROUNDING AND BONDING 6. LIGHTING FIXTURES AND LAMPS
- 7. ELECTRICAL DISTRIBUTION SYSTEM, INCLUDING PANELBOARDS, OVERCURRENT
- DEVICES, AND FEEDERS 8. EXISTING CONSTRUCTION AND COORDINATION OF DEMOLITION WORK
- 9. CONNECTIONS TO HVAC, PLUMBING, FIRE PROTECTION, AND ALL OTHER ELECTRICALLY SUPPLIED EQUIPMENT, CONTROLS, CONTROL PANELS, MOTOR STARTERS, MOTOR STARTING EQUIPMENT AND DISCONNECTS NOT FURNISHED UNDER HVAC, PLUMBING, FIRE PROTECTION, OR OTHER CONTRACTS
- PAY FOR ALL PERMITS, INSPECTION FEES, LICENSES AND FOR TESTS WHICH MAY BE REQUIRED IN DETERMINING THE COMPLETENESS OF THE ELECTRICAL WORK.
- ALL ELECTRICAL PRODUCTS USED ON THIS PROJECT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES (UL).
- ALL ELECTRICAL PRODUCTS USED ON THIS PROJECT SHALL CONFORM TO APPLICABLE STANDARD OF THE NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA).
- ALL ELECTRICAL INSTALLATION AND PRODUCTS USED ON THIS PROJECT SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC).
- THE PLANS SHOW THE APPROXIMATE LOCATION OF ALL PARTS OF THE WORK. THE ARCHITECT WILL GIVE EXACT LOCATIONS. WHERE STRUCTURAL CONDITIONS ENCOUNTERED NECESSITATE MINOR CHANGES, THESE SHALL BE MADE WITHOUT CHARGE, BUT MUST MEET WITH THE APPROVAL OF THE ARCHITECT. WHERE MAJOR CHANGES ARE REQUIRED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- NOTIFY THE ARCHITECT, AND OBTAIN APPROVAL, BEFORE ANY COMPONENTS OF THE ELECTRICAL SYSTEM ARE CONCEALED BY CLOSING OFF AREAS, POURING
- DETERMINE AND BE RESPONSIBLE FOR PROPER SIZE AND LOCATION OF OPENINGS AND CHASES, AND GIVE GENERAL CONTRACTOR NOTICE OF REQUIREMENTS. INSTALL ALL SLEEVES NECESSARY FOR THE WORK. WHEREVER ANY RACEWAY PASSES THROUGH A WALL, THE OPENING SHALL BE SEALED TIGHT AGAINST THE RACEWAY BY THIS CONTRACTOR. RACEWAYS THROUGH FOUNDATION WALLS AND ROOFS SHALL BE SEALED WATERTIGHT BY THIS CONTRACTOR.
- 1. THIS CONTRACTOR SHALL DO ALL NECESSARY CUTTING AND PATCHING WHICH IS NOT CALLED TO BE DONE UNDER ANOTHER DIVISION. ALL CUTTING AND REPAIRING SHALL BE PERFORMED BY SKILLED WORKERS.
- PAINT ALL EXPOSED RACEWAYS IN FINISHED ROOMS WITH TWO COATS OF PAINT TO MATCH SURROUNDINGS. INSTALL PANELBOARD TRIMS, CABINETS, ENCLOSURES, ETC., IN SUFFICIENT TIME SO THAT THE PAINTING CONTRACTOR MAY PAINT THESE PAINTING IF THE ABOVE PROCEDURE IS NOT FOLLOWED.
- THE CONTRACTOR SHALL FURNISH AND INSTALL THE POWER AND LIGHTING REQUIRED FOR THE CONSTRUCTION THE SCOPE SHALL INCLUDE, BUT NOT LIMITED
- 1. TEMPORARY POWER DISTRIBUTION
- LAMP SOCKETS AND LAMPS OUTLETS AND CONSTRUCTION EQUIPMENT CONNECTION INCLUDING WELDERS
- 4. REMOVAL OF TEMPORARY DISTRIBUTION AFTER COMPLETION OF CONSTRUCTION
- THE ELECTRICAL CONTRACTOR SHALL INSTALL RACEWAYS IN SUCH A MANNER THAT THE EXPANSION JOINTS OF THE BUILDING WILL FUNCTION PROPERLY AND NOT STRESS ANY ELECTRICAL RACEWAYS. EXPANSION JOINTS SHALL BE INSTALLED IN ALL RACEWAYS AT THE EXPANSION JOINTS OF THE BUILDING.
- BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SAME. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THE MEASUREMENTS INDICATED ON THE DRAWINGS: ANY DIFFERENCE WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR CONSIDERATION BEFORE PROCEEDING WITH THE WORK.
- . PROVIDE PRODUCT DATA, CATALOG CUT SHEETS WITH MFG. SPECIFICATIONS FOR REVIEW BY ARCH. / ENGR. FOR THE FOLLOWING ITEMS:
 - 1. PANELBOARDS
 - 2. SAFETY DISCONNECT SWITCHES 3. OUTLET BOXES
 - 5. LIGHTING FIXTURES LAMPS

4. FITTINGS

- 7. CONDUCTORS 8. DEVICES
- 9. TIME SWITCHES
- 10. TRANSFORMERS 11. FIRE ALARM SYSTEM
- PROVIDE (3) SUBMITTAL COPIES FOR EACH ITEM LISTED ABOVE.
- MAINTAIN THROUGHOUT PROJECT A SET OF PLANS WHICH ACCURATELY PORTRAY THE ACTUAL INSTALLATION, INCLUDING LOCATION OF ALL WIRING, EQUIPMENT, CIRCUIT NUMBERS, ETC. TURN OVER TO OWNER AT COMPLETION OF JOB.
- TERMINALS: ALL ELECTRICAL EQUIPMENT FURNISHED ON THIS PROJECT SHALL HAVE TERMINALS RATED FOR 75° C OPERATION.

RACEWAYS AND FITTINGS

- WHERE CALLED FOR ON THE DRAWINGS, FLOOR OUTLET BOXES AND POKE—THROUGH DEVICE SHALL BE AS MANUFACTURED BY HUBBELL, WALKER, OR
- WIRING AND RACEWAYS SHALL BE CONCEALED IN ALL ROOMS AND SPACES UNLESS OTHERWISE NOTED.
- ALL FEEDERS AND BRANCH CIRCUIT HOMERUNS SHALL BE INSTALLED IN EMT. WHERE ALLOWED, BRANCH CIRCUITS MAY BE TYPE MC CABLE BETWEEN HOMERUN JUNCTION BOX GG. PROVIDE FIRESTOPPING TO CABLE AND RACEWAY PENETRATIONS OR FIRE-RATED AND EQUIPMENT/DEVICE CONNECTION IN DRYWALL PARTITIONS ONLY. HOMERUN JUNCTION BOX TO BE A MAXIMUM OF 20 FT. FROM EQUIPMENT/DEVICE.

- D. FOR USE IN UNFINISHED AREAS: WIRE IN SURFACE MOUNTED RGS CONDUIT.
- E. FOR OUTDOOR USE: WIRE IN THREADED, RIGID STEEL CONDUIT.
- F. FOR UNDERGROUND USE: WIRE IN SCHEDULE 80 RIGID PVC NONMETALLIC CONDUIT.
- G. FOR FINAL CONNECTION IN DAMP OR WET LOCATIONS: LIQUID TIGHT FLEXIBLE METAL CONDUIT, WITH LISTED FITTINGS.
- I. IN ALL INSTANCES, INCLUDE A SEPARATE GROUNDING CONDUCTOR IN EACH FEEDER AND BRANCH CIRCUIT, SIZE PER NEC.

J. FURNISH ALL FITTINGS REQUIRED, BUT NOT LIMITED TO: BUSHINGS TO PREVENT

- WIRE ABRASION; SINGLE-AND MULTIPLE-GANG BOXES TO ACCOMMODATE DEVICE INSTALLATION; ADAPTERS FROM CONDUIT TO RACEWAY; TRANSITIONS TO BOTH LARGER AND SMALLER SURFACE METAL RACEWAYS; 90 DEGREE ELBOWS, TEES, FIXTURE BOXES, AND FLEXIBLE SECTIONS.
- K. SURFACE METAL RACEWAY AND FITTINGS SHALL MEET ALL REQUIREMENTS OF NEC ARTICLE 352A AND SHALL BE UL LISTED.
- L. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER APPLICATION, INSTALLATION, AND LOCATION OF ALL NECESSARY AND REQUIRED INSERTS, SUPPORTS, AND ANCHOR BOLTS, AND FOR A SATISFACTORY RACEWAY SYSTEM UPON COMPLETION OF THE PROJECT.
- M. WHERE ANY COMPONENT OF THE RACEWAY SYSTEM IS DAMAGED PRIOR TO FINAL ACCEPTANCE BY THE OWNER, THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE SAME OR PROVIDE A NEW RACEWAY SYSTEM, AT THE EXPENSE OF THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
- N. CONDUITS SHALL BE RUN TO AVOID ADVERSE CONDITIONS SUCH AS HEAT AND MOISTURE AND TO AVOID ALL MATERIALS AND EQUIPMENT OF OTHER TRADES. CONDUITS SHALL MAINTAIN A MINIMUM CLEARANCE OF SIX INCHES FROM ALL HOT WATER PIPES, FLUES, OR AND HIGH TEMPERATURE PIPING OR DUCTWORK SHOULD IT BE FOUND NECESSARY TO INSTALL CONDUIT CLOSER THAN THIS TO HOT WATER PIPES AN INSULATING COVERING SHALL BE USED TO PROTECT THE CONDUIT FROM HIGH TEMPERATURE.
- O. RACEWAYS SHALL NOT BE SMALLER THAN THE SIZE REQUIRED BY THE NATIONAL ELECTRICAL CODE FOR THE CONDUCTORS ENCLOSED AND SHALL BE LARGER WHERE SO SPECIFIED OR INDICATED ON THE PLANS.
- P. ALL EXPOSED RUNS OF CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO WALLS OR CEILINGS. SUPPORTS SHALL BE FROM THE MASONRY OR STEEL STRUCTURE RATHER THAN FROM OTHER MECHANICAL WORK SUCH AS DUCTS, PIPING, ETC., IN ACCORDANCE WITH GOOD INDUSTRY PRACTICE IN A MANNER ACCEPTABLE TO THE ARCHITECT.
- Q. SUPPORTS AND ATTACHMENTS PROVIDED SHALL BE SPECIFICALLY DESIGNED FOR THE APPLICATIONS. PERFORATED HANGERS OR WIRE TIE SUPPORTS ARE NOT ACCEPTABLE. ALL HANGERS AND SUPPORTS SHALL HAVE CORROSION RESISTANT
- R. ALL CONDUITS AND RACEWAYS PASSING THROUGH WALLS, FLOORS, AND CEILINGS N. ALL WIRING IN TREATMENT ROOMS MUST SHALLBE SLEEVED WITH A PIECE OF SCHEDULE 40 GALVANIZED STEEL PIPE WITH PLAIN COMPLY WITH 2008 NEC SECTION 517. ENDS. ALL SLEEVES SHALL BE SEALED WATERTIGHT USING A MATERIAL SIMILAR
- IN APPEARANCE TO THE SURROUNDING AREA OR APPROVED MATERIAL. S. CONDUITS EXTENDING THROUGH ROOFS SHALL BE EQUIPPED WITH PITCH POCKETS.
- T. ALL EMPTY RACEWAYS SHALL BE PROVIDED WITH A NYLON PULLWIRE.
- U. ALL CONDUIT PASSING THROUGH A FIRE ZONE SHALL HAVE A FIRE RATED INSTALLATION.
- V. CONDUIT SHALL BE INSTALLED SO THAT A CONTINUOUS GROUNDING SYSTEM WILL BE MAINTAINED FROM THE FURTHERMOST OUTLET TO THE ESTABLISHED WATER PIPE GROUND.
- W. CONDULETS, UNILETS, OR SIMILAR APPROVED TYPE FITTINGS SHALL BE USED ON EXPOSED WORK WHERE CONDUIT CHANGES DIRECTION AND WHERE BENDS WILL NOT MAKE A NEAT JOB
- X. EXPOSED CONDUIT SHALL BE SECURELY FASTENED TO THE BUILDING AT EIGHT-FOOT MINIMUM INTERVALS, USING APPROVED HANGERS, STRAPS, CLAMPS, OR SCREWS. WOOD PLUGS SHALL NOT BE USED FOR FASTENING PURPOSES. CONDUIT RUN ABOVE HUNG CEILING OR IN CRAWL SPACES SHALL BE SUPPORTED IN THE SAME MANNER AS FOR EXPOSED RUNS. WIRE TIES ARE NOT ACCEPTABLE
- Y. CARE SHALL BE EXERCISED TO MAKE CERTAIN THAT THE CONDUIT SYSTEM NOW PLANNED WILL PERMIT REMOVAL OF CONDUCTORS FOR FUTURE CHANGES AS MAY BE REQUIRED. ALTHOUGH UP TO FOUR 90 DEGREE BENDS ARE PERMITTED BY THE NATIONAL ELECTRICAL CODE, THE PRACTICE OF USING MORE THAN THREE 90 DEGREE BENDS PER RUN SHALL BE AVOIDED. PULL BOXES SHALL BE USED IF AT ALL FEASIBLE.
- Z. PULLBOXES SHALL BE INSTALLED AT 100 FOOT INTERVALS IN LONG STRAIGHT RUNS. CLOSE NIPPLES WILL NOT BE PERMITTED.
- AA. CONDUIT SMALLER THAN 1/2" SHALL NOT BE USED.
- THE REQUIRED STRENGTH OF THE SUPPORTING EQUIPMENT AND THE SIZE AND TYPE OF ANCHORS SHALL BE BASED ON THE COMBINED WEIGHT OF CONDUIT, HANGERS. AND CONDUCTORS. THE USE OF PERFORATED IRON STRAPS FOR SUPPORTING CONDUITS WILL NOT BE PERMITTED.

BB. SINGLE RUNS:

- 1. WHERE CONDUITS ARE RUN INDIVIDUALLY, THEY SHALL BE SUPPORTED BY APPROVED PIPE STRAPS SECURED BY MEANS OF TOGGLE BOLTS 2. IN HOLLOW MASONRY: EXPANSION SHIELDS AND MACHINE SCREWS OR STANDARD PRESET INSERTS IN CONCRETE OR SOLID MASONRY; MACHINE SCREWS OR BOLTS IN METAL SURFACES: AND WOOD SCREWS IN WOOD CONSTRUCTION. THE USE OF PERFORATED IRON STRAPS WILL NOT BE
- 3. CONDUITS INSTALLED EXPOSED ON THE SURFACE IN DAMP LOCATIONS OR IN REFRIGERATED AREAS SHALL BE PROVIDED WITH CLAMP BACKS UNDER EACH CONDUIT CLAMP TO PREVENT ACCUMULATION OF MOISTURE AROUND THE CONDUITS.
- WHERE INDIVIDUAL CONDUITS ARE SUSPENDED FROM THE CEILING THEY SHALL BE SUPPORTED BY HANGERS EQUIVALENT TO STEEL CITY NO. C-149.

CC. MULTIPLE RUNS:

- 1. WHERE A NUMBER OF CONDUITS ARE TO BE RUN EXPOSED AND PARALLEL, ONE WITH ANOTHER, THEY SHALL BE GROUPED AND SUPPORTED BY TRAPEZE HANGERS. 2. HANGER RODS SHALL BE FASTENED TO STRUCTURAL STEEL MEMBERS WITH SUITABLE BEAM CLAMPS, OR TO CONCRETE INSERTS SET FLUSH WITH SURFACE.
- DD. THE CONTRACTOR SHALL FURNISH AND INSTALL JUNCTION BOXES, PULLBOXES, AND CABLE SUPPORT BOXES AS SHOWN ON THE DRAWINGS, SPECIFIED HEREIN, OR AS OTHERWISE REQUIRED. BOXES SHALL BE SECURED IN POSITION INDEPENDENTLY OF CONDUITS ENTERING THEM BY MEANS OF BOLTS, ROD HANGERS, BRACKETS, OR OTHER APPROVED METHODS. OUTLET BOXES SHALL BE SECURELY FASTENED TO CEILINGS, WALLS OR COLUMNS.
- EE. BOXES INSTALLED IN FINISHED CEILINGS, WALLS OR COLUMNS SHALL BE SET SO THAT THE FRONT EDGE OF THE BOX SHALL BE FLUSH WITH FINISHED CEILINGS, WALLS OR COLUMNS.
- FF. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR SPECIFIED HEREIN, RECEPTACLE OUTLET CENTERLINES SHALL BE INSTALLED 18" ABOVE THE FLOOR. FLOOR AND WALL ASSEMBLIES TO ACHIEVE FIRE-RESISTANCE RATING OF THE ASSEMBLY.

WIRE AND CABLE

- A. ACCEPTABLE MANUFACTURERS SHALL BE ANACONDA, GENERAL ELECTRIC, CERRO, OR BRAND REX.
- B. ALL CONDUCTORS SHALL BY COPPER, WITH 600 VOLT INSULATION, UNLESS OTHERWISE NOTED; STRANDING AND INSULATION TYPES AS FOLLOWS:
- C. BRANCH CIRCUIT FEEDERS

RECOMMENDATIONS.

- 1. #10 AWG AND SMALLER (SOLID) TYPE THHN/THWN INSULATION.
- D. ALL WIRE AND CABLE SHALL BE NEW, WITHIN ONE YEAR OF MANUFACTURE WHEN DELIVERED TO THE SITE AND BEAR THE UL LABEL, INSULATION TYPE, VOLTAGE, AND MANUFACTURER'S NAME AT REGULAR INTERVALS ON THE INSULATION.

2. #8 AWG AND LARGER (STRANDED) - TYPE THHN/THWN INSULATION.

- ALL WIRING SHALL BE DONE SO THAT THE SYSTEM WILL BE CONTINUOUSLY POLARIZED THROUGHOUT, FOLLOWING THE COLOR CODING INDICATED IN THE NEC.
- F. ALL CONNECTIONS USING COPPER SHALL BE MADE WITH CONNECTORS THAT ARE DESIGNED AND APPROVED FOR COPPER.
- G. JOINTS, TAPS AND SPLICES OF WIRES OF SIZES #10 AWG AND SMALLER SHALL BE MADE BY MEANS OF "SCOTCHLOK" SPRING CONNECTORS. H. JOINTS, TAPS AND SPICES OF WIRES OF SIZE #8 AWG AND LARGER SHALL BE MADE WITH THOMAS AND BETTS ALUMINUM/COPPER COLOR -KEYED
- WIRE SIZES SHALL BE AS SHOWN ON THE DRAWINGS OR SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.

COMPRESSION CONNECTORS, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S

- ALL FEEDER CABLES SHALL BE CONTINUOUS FROM ORIGIN TO EQUIPMENT TERMINATION WITHOUT RUNNING SPLICES IN INTERMEDIATE PULL OR SPLICE BOXES AS FAR AS PRACTICABLE. NO SPLICES ARE ALLOWED IN "C" CONDULETS.
- K. CONDUCTORS SHALL NOT BE SMALLER THAN CODE SIZE FOR THE LOADS BEING HANDLED AND SHALL BE LARGER IF SO INDICATED IN THE PLANS OR SPECIFICATIONS. NO CONDUCTOR SHALL BE LESS THAN #12 AWG EXCEPT FOR CONTROL CIRCUITS, WHICH MAY BE #14 WIRE WHEN INDICATED.
- L. PROVIDE SEPARATE GREEN GROUND (EQUIPMENT GROUND) CONDUCTOR WITH EACH FEEDER AND BRANCH CIRCUIT.
- M. WIRING IN DUCTS, PLENUMS, AND OTHER AIR HANDLING SPACES SHALL BE PROVIDED PER NEC ART. 300.22 AND ALL OTHER APPLICABLE CODE SECTIONS WHERE PROVIDED PLENUM CABLE SHALL BE LISTED AS BEING SUITABLE FOR USE IN DUCTS, PLENUMS, AND OTHER SPACES USED FOR ENVIRONMENTAL AIR AND SHALL ALSO BE LISTED AS HAVING ADEQUATE FIRE—RESISTANT AND LOW SMOKE-PRODUCING CHARACTERISTICS. WIRING SHALL INCLUDE BUT NOT LIMITED TO POWER, LIGHTING, TELEPHONE, DATA, FIRE ALARM, SECURITY, ETC.

CABINETS, BOXES, AND FITTINGS

- A. USE SHEET STEEL JUNCTION, OUTLET AND PULL BOXES SIZED PER NEC IN ALL DRY LOCATIONS.
- B. USE CAST BOXES FOR EXTERIOR USE, WHERE IN CONCRETE FLOORS, AND IN ALL DAMP OR WET LOCATIONS.
- C. NOT USED.
- D. USE STEEL OR MALLEABLE IRON FITTINGS SPECIFICALLY DESIGNED FOR EACH
- E. IN ALL CASES, ALL CABINETS, JUNCTION AND OUTLET BOXES SHALL BE ACCESSIBLE.

RACEWAY TYPE, AS DICTATED BY GOOD PRACTICE.

ELECTRICAL CONNECTIONS FOR EQUIPMENT

- A. FIXED EQUIPMENT REQUIRING ATTACHMENT PLUGS SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLE TO MATCH PLUG. B. FIXED EQUIPMENT REQUIRING DIRECT WIRED CONNECTIONS SHALL BE PROVIDED
- WITH LOCAL JUNCTION BOX, AND FLEXIBLE NONMETALLIC CONDUIT, OR LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT CONNECTIONS TO EQUIPMENT. PROVIDE SEPARATE FUSIBLE DISCONNECT FOR EQUIPMENT NOT FURNISHED WITH
- INTEGRAL OR FACTORY FURNISHED DISCONNECTING MEANS. D. PROVIDE MOTOR STARTER FOR EQUIPMENT NOT FURNISHED WITH FACTORY
- WIRING DEVICES

STARTER.

- A. FOR FINISHED AREAS, USE SPECIFICATION GRADE DEVICES, COLOR AS SELECTED BY ARCHITECT, WITH SMOOTH THERMOPLASTIC WALL PLATE, COLOR TO MATCH
- B. FOR UNFINISHED DRY INTERIOR SPACES, USE SPECIFICATION GRADE DEVICE IN STEEL UTILITY BOXES WITH MATCHING STEEL DEVICE COVERS.
- C. FOR INTERIOR AND EXTERIOR WET LOCATIONS, USE SPECIFICATION GRADE DEVICES INSTALLED WITH AN OUTLET ENCLOSURE CLEARLY MARKED "SUITABLE FOR WET LOCATIONS WHILE IN USE", AS MANUFACTURED BY TAYMAC CORP., WITH PUSH-BUTTON RELEASE.

RECEPTACLES:

- 20A, 125V DUPLEX RECEPTACLE: EATON (ARROW HART) 5362 20A, 125V DUPLEX GFI RECEPTACLE: GF20 (NON TAMPER) / TRGF20 (TAMPER) 20A, 125V DUPLEX RECEPTACLE: EATON (ARROW HART) IG5362RN (ORANGE)
- E. SWITCHES:
- 20A, 120/277V A.C. TOGGLE SWITCH: EATON (ARROW HART) 1221 20A, 120/277V A.C. THREE-WAY SWITCH: EATON (ARROW HART) 1223 20A, 120/277V A.C. FOUR-WAY SWITCH: EATON ARROW HART) 1224
- F. MOUNTING: MOUNT DEVICES IN SINGLE OR GANGED ARRANGEMENT, AS CALLED FOR ON THE DRAWINGS. PROVIDE APPROPRIATE STEEL BACKBOX AS REQUIRED; USE SINGLE OR MULTIPLE DEVICE COVERS, AS REQUIRED. MULTIPLE DEVICES TO BE EQUALLY SPACED, AND ALIGNED STRAIGHT SO AS TO ALLOW DEVICE PLATE TO FIT SNUGLY AND PROPERLY.
- G. WHERE MOUNTING ON MILLWORK OR OTHER EQUIPMENT, VERIFY PROPER ROUGH-IN DIMENSIONS WITH ARCHITECT.
- H. DEVICES IN MECHANICAL EQUIPMENT ROOMS MAY BE WIRED USING SURFACE MOUNTED CONDUIT. DEVICES TO BE INSTALLED AT HEIGHTS TO COMPLY WITH APPLICABLE HANDICAPPED REQUIREMENTS: RECEPTACLES +18" UNLESS OTHERWISE NOTED; WALL SWITCHES +48"; FIRE ALARM PULLSTATIONS +48"; FIRE ALARM AUDIO VISUAL DEVICES +6'-8" TO CENTERLINE OF STROBE UNLESS OTHERWISE NOTED. DIMENSIONS ABOVE FROM FINISHED FLOOR TO CENTERLINE. REFER TO TYPICAL MOUNTING HEIGHT DETAIL ON DRAWINGS FOR FURTHER

MANUFACTURERS: HUBBELL, PASS & SEYMOUR, LEVITON.

SAFETY DISCONNECT DEVICES

REQUIREMENTS.

A. DISCONNECTION DEVICES RATING SHALL BE AS SHOWN ON THE DRAWINGS, HEAVY-DUTY, "QUICK-MAKE, QUICK-BREAK", SAFETY SWITCHES WITH INTERLOCKING COVER, CONSTRUCTED OF CODE GAGE STEEL (UL 98). ENCLOSURES SHALL BE TREATED WITH RUST INHIBITING PHOSPHATE AND FINISHED IN GRAY BAKED ENAMEL.

- B. DISCONNECTS SHALL BE FUSED OR NON-FUSED AS INDICATED ON THE DRAWINGS, OR AS REQUIRED BY NEC. NUMBER OF POLES, WITH OR WITHOUT SOLID NEUTRAL, SHALL BE AS INDICATED ON THE DRAWINGS, OR AS REQUIRED.
- C. ENCLOSURES FOR INDOOR USE SHALL BE NEMA 1; ENCLOSURES FOR EXTERIOR USE SHALL BE NEMA 3R, ENCLOSURES FOR HAZ. LOCATIONS SHALL BE CLASS II
- D. DISCONNECTS SHALL REQUIRE THE USE OF A SCREWDRIVER FOR ACCESS TO INTERIOR WITHOUT OPENING CONTACTS.
- E. DISCONNECTS SHALL HAVE PROVISIONS FOR PADLOCKING THE SWITCH IN THE "OFF", OR "OPEN" POSITION.

INDICATED ON THE DRAWINGS, OR AS REQUIRED BY CODE.

- F. ACCEPTABLE MANUFACTURERS ARE SQUARE D, ITE, WESTINGHOUSE, OR GENERAL ELECTRIC.
- G. FURNISH A SAFETY DISCONNECT DEVICE ON ALL EQUIPMENT CONNECTIONS WHERE
- H. DISCONNECTS SHALL BE MOUNTED TO PERMANENT STRUCTURAL ELEMENTS WITH APPROVED FASTENING MEANS. DISCONNECTS SHALL NOT BE FASTENED BY WELDING THE ENCLOSURE TO ITS DESIGNATED STRUCTURAL SUPPORT. BEAM CLAMPS, UNISTRUT AND BOLTED WASHERS COMPRISE ACCEPTABLE FASTENING
- I. GROUND SERVICE, EQUIPMENT, CIRCUITS PER NEC.ART 250. USE COPPER CONDUCTORS.T. SUPPORT FLUORESCENT LUMINARIES DIRECTLY FROM BUILDING STRUCTURE BY J. NAMEPLATES SHALL BE PLASTIC LAMINATE WITH WHITE BACKGROUND AND 1/4" BLACK ENGRAVED LETTERS WITH THE TITLE OF THE EQUIPMENT THAT IS FED.
- NAMEPLATES SHALL BE ATTACHED USING RIVETS OR NUTS, WASHERS, AND BOLTS.

<u>GROUNDING</u> A. GROUND SERVICE, EQUIPMENT, CIRCUITS PER NEC.ART 250. USE COPPER CONDUCTORS

- A. SHALL BE UL LISTED AS "SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT", WHERE APPLICABLE.
- B. PHASE, NEUTRAL AND GROUND BUSSES SHALL BE COPPER, AND PHASE BUSSES SHALL EXTEND THE ENTIRE HEIGHT OF PANELBOARD, FOR FUTURE INSTALLATION OF ADDITIONAL CIRCUIT BREAKERS, WITHOUT THE NEED FOR CONNECTORS, BUT CIRCUIT BREAKERS CONNECTIONS TO THE BUS SHALL BE: BOLT-ON, DOUBLE ROW ARRANGEMENT, DISTRIBUTED PHASE BUS TYPE.
- C. CIRCUIT BREAKERS SHALL BE MOLDED CASE, THERMAL MAGNETIC, BOLT—ON TYPE, DEAD FRONT DESIGN, WITH QUICK-MAKE, QUICK-BREAK, COMMON TRIP TYPE SINGLE TOGGLE OPERATING MECHANISMS, 1, 2, OR 3 POLE, AND HACR LISTED WHEN USED FOR HVAC EQUIPMENT, SIZED PER PANELBOARD SCHEDULE.
- BACKBOXES SHALL BE FABRICATED FROM GALVANIZED, CODE GAUGE, SHEET STEEL, MEETING OR EXCEEDING NECESSARY REQUIREMENT FOR WIRE BENDING SPACE, WITHOUT KNOCKOUTS.
- FASTENERS, FABRICATED FROM CODE GAGE STEEL WITH POINTED ENAMEL FINISH, FLUSH LOCK AND CATCH. F. PANELBOARD DIRECTORY CARD, WITH CLEAR PLASTIC COVER, SHALL BE PROVIDED

ON BACK OR DOOR. CONTRACTOR SHALL COMPLETE DIRECTORY CARD, WITH

CIRCUIT BREAKER NUMBERS CROSS REFERENCED TO THEIR RESPECTIVE LOAD(S),

. COVERS SHALL BE DEAD FRONT DESIGN, WITH HINGED DOOR, CONCEALED

- BY LOAD TYPE AND ROOM OR SPACE NAME AND NUMBER. G. PROVIDE PERMANENT LAMACOID OR EQUAL TYPE LABEL INSIDE PANELBOARD
- H. DESIGN EQUIPMENT SHALL BE SQUARE D CO. TYPE NQOD FOR 208Y/120V PANELBOARDS: TYPE NF FOR 480Y/277V PANELBOARDS: TYPE I-LINE FOR DISTRIBUTION PANELBOARDS. ALTERNATE MANUFACTURERS ARE: CUTTLER-HAMMER/WESTINGHOUSE, OR SIEMENS/ITE.

- A. PROVIDE INSTANTANEOUS OR TIME DELAY TYPE FUSES FOR EACH FUSIBLE DEVICE, INCLUDING DISCONNECTS, FUSIBLE MOTOR STARTERS, SERVICE SWITCHES. PROVIDE TIME CURRENT CURVES FOR EACH TYPE AND SIZE FUSE USED. PROVIDE ONE SPARE SET OF FUSES FOR EACH SIZE INSTALLED.
- R CARTRIDGE FLISE APPLICATION:

DOOR, IDENTIFYING PANELBOARD NAME.

- 1. MAIN SERVICE: CLASS L FAST ACTING.
- 2. MAIN FEEDERS: CLASS J TIME DELAY. 3. MOTOR BRANCH CIRCUITS: CLASS RK1 TIME DELAY. 4. OTHER BRANCH CIRCUITS: CLASS RK5 NON-TIME DELAY.
- C. MANUFACTURERS: BUSSMAN, EAGLE ELECTRIC, GENERAL ELECTRIC, GOULD.

MOTOR STARTERS

- A. FRACTIONAL HORSEPOWER MOTOR CIRCUIT SWITCH: FOR MANUALLY CONTROLLED MOTORS LESS THAN 1 H.P., USE MOTOR CIRCUIT SWITCH WITH PILOT LIGHT, WITH THERMAL UNITS, FOR MOTORS NOT EQUIPPED WITH SAME, BASIS FOR DESIGN: SQUARE D TYPE K.
- MANUAL MOTOR STARTER: FOR MANUALLY CONTROLLED MOTORS 1 H.P. THROUGH 3 H.P., USE INTEGRAL HORSEPOWER MANUAL STARTER, PUSH-BUTTON TYPE, WITH THERMAL UNITS, ONE AUXILIARY N.O./N.C. CONTACT, PILOT LIGHT, BASIS FOR DESIGN: SQUARE D TYPE M. COMBINATION MOTOR STARTER: FOR ALL OTHER MOTORS, OR WHEN INDICATED ON
- THE DRAWINGS, USE COMBINATION MOTOR STARTER, FUSIBLE DISCONNECT TYPE, WITH OVERLOADS, CONTROL POWER TRANSFORMER AND FUSES, HAND-OFF-AUTO SELECTOR SWITCH, OFF AND RUNNING PILOT LIGHTS, (2) N.O./N.C. AUX CONTACTS; NEMA 1 ENCLOSURE FOR INDOOR USE, NEMA 4 ENCLOSURE FOR EXTERIOR USE. NON-REVERSING OR REVERSING AS INDICATED ON THE DRAWINGS. SIZE AS REQUIRED FOR MOTOR HORSE POWER SERVED; LARGER SIZE REQUIRED WHERE A SPECIFIC SIZE IS INDICATED ON THE DRAWINGS. FUSIBLE TYPE SHALL BE FURNISHED, UNLESS INDICATED OTHERWISE ON THE DRAWINGS. BASIS FOR DESIGN: SQUARE D CLASS 8538(FUSIBLE, NON-REVERSING); CLASS 8738(FUSIBLE, REVERSING); CLASS 8539(CIRCUIT BREAKER, NON-REVERSING); CLASS 8739(CIRCUIT BREAKER, REVERSING).
- D. MANUFACTURERS: SQUARE-D, GENERAL ELECTRIC, CHALLENGER, SIEMENS.

LIMITING COMPETITION.

- INTERIOR LIGHTING A. PROVIDE AND INSTALL ITEMS AS SPECIFIED HEREIN AND LISTED ON THE LIGHTING
- FIXTURE SCHEDULE ON THE DRAWINGS. B. CATALOG NAMES AND NUMBERS USED IN THE LIGHTING FIXTURE SCHEDULE ARE TO ESTABLISH A STANDARD OF QUALITY AND SHALL NOT BE CONSTRUED AS
- C. IF ALTERNATED, OR OPTIONAL, METHODS ARE PROPOSED AS SUBSTITUTION FOR ANY ONE OF THE LIGHTING FIXTURES, THEY MUST BE EQUAL IN DESIGN AND QUALITY, AS DETERMINED BY THE ARCHITECT/ENGINEER. THE DATA SUBMITTED MUST INCLUDE A DESCRIPTION OF THE LIGHTING FIXTURE, LENS, BALLAST, SHEET METAL GAGE, PHOTOMETRIC DATA, ETC.

FURNISH AND INSTALL ALL LIGHTING FIXTURES COMPLETE WITH LAMPS. PROVIDE

- D. UPON REQUEST OF THE ENGINEER, A SAMPLE OF THE PROPOSED SUBSTITUTION SHALL BE PROVIDED.
- 10% ADDITIONAL LAMPS FOR EACH TYPE OF LAMP REQUIRED ON PROJECT AND TURN OVER TO OWNER. F. ALL LIGHTING FIXTURES SHALL CARRY THE UNDERWRITER'S LABEL OF APPROVAL.
- G. FIXTURES SHALL BE FREE OF IMPERFECTIONS, HANDLING, OR INSTALLATION DAMAGE.
- H. OBTAIN EXACT LOCATION OF ALL CEILING OUTLETS FROM THE ARCHITECT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIT OF ALL LIGHTING FIXTURES INTO THE ACTUAL CEILING INSTALLED.
- WIRING CHANNEL AND NOT IN THE LAMP CHAMBER. K. FLUORESCENT LIGHTING FIXTURES SHALL BE "P" RATED, PREMIUM GRADE, AND SO LABELED AS PER NEC.

J. ALL WIRING WITHIN EACH LIGHTING FIXTURE SHALL BE CONTAINED IN METALLIC

L. CONFIRM COMPATIBILITY AND INTERFACE OF OTHER MATERIALS WITH LUMINAIRE AND CEILING SYSTEM. REPORT DISCREPANCIES TO THE ENGINEER/ARCHITECT AND DEFER ORDERING UNTIL CLARIFIED.

- M. COORDINATE WITH DIVISION 15 TO AVOID CONFLICTS BETWEEN LUMINARIES, SUPPORTS, FITTINGS, AND MECHANICAL EQUIPMENT.
- N. ALL INCANDESCENT, FLUORESCENT, METAL HALIDE, AND HIGH PRESSURE SODIUM LAMPS SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, GTE-SYLVANIA, WESTINGHOUSE, OR PHILLIPS.
- O. ALL FLUORESCENT LIGHTING FIXTURES SHALL HAVE HIGH POWER FACTOR BALLASTS HAVING A SOUND LEVEL OF "A". BALLASTS CONSIDERED BY THE OWNER OR ENGINEER TO HAVE OBJECTIONABLE NOISE OR HUM SHALL BE REPLACED DURING THE PERIOD OF GUARANTEE AT THE DIVISION 16 CONTRACTOR'S EXPENSE.

- Q. IT WILL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VERIFY, WITH THE CONSTRUCTION CONTRACTOR, THE TYPES OF CEILINGS IN ALL ROOMS HAVING TROFFERS, AS TO THE TYPE OF TROFFER CONSTRUCTION REQUIRED TO MATCH THE CEILING CONSTRUCTION
- R. MOUNT HIGH INTENSITY DISCHARGE BALLASTS ON RUBBER GROMMETS TO REDUCE NOISE TRANSMISSION.
- S. ALL METAL PARTS SHALL BE GROUNDED AS A COMMON UNIT.

FRAMING STRUCTURE OF CEILING SUSPENSION SYSTEM.

- ROD HANGERS AND INSERTS, OR METAL ANGLE HEADERS SUPPORTED FROM
- U. INSTALL RECESSED LUMINARIES TO PERMIT REMOVAL FROM BELOW. TO GAIN ACCESS TO OUTLET OR PRE-WIRED LIGHTING FIXTURE BOX.

LED FIXTURES

- A. LIGHTING FIXTURES SHALL BE OF SPECIFICATION GRADE AND LISTED OR LABELED BY UNDERWRITERS LABORATORIES (UL) OR AN APPROVED EQUAL.
- B. LED FIXTURES SHALL COMPLY WITH THE FOLLOWING: 1. UL STANDARD 8750 "LIGHT EMITTING DIODE EQUIPMENT FOR USE IN LIGHTING PRODUCTS". IES STANDARD LM-79 " ELECTRICAL AND PHOTOMETRICS MEASUREMENTS OF SOLID STATE LIGHTING PRODUCTS", IES STANDARD LM-80 "MEASURE LUMENS MAINTENANCE OF LED LIGHT SOURCE", AND IES STANDARD
- 2.ANSI C78.377 "SPECIFICATIONS OR THE CHROMATICITY OF SOLID STATE LIGHTING PRODUCTS" WITH LED BINNED WITHIN A MAXIMUM THREE-STEP MACADAM ELLIPSE TO ENSURE COLOR CONSISTENCY AMONGST LUMINARIES OF THE SAME TYPE.

TM-21 "PROJECTING LONG TERM LUMEN MAINTENANCE OF LED LIGHT SOURCE".

A. LED FIXTURES, LAMPS DRIVERS AND COMPONENTS PROVIDE A COMPLETE WARRANTY FOR PARTS AND LABOR FOR A MINIMUM OF FIVE YEARS.

LED LAMPS AND DRIVERS. USER SERVICEABLE LED LAMPS AND DRIVERS SHALL BE REPLACEABLE FROM THE ROOM SIDE. B. DIMMABLE LED FIXTURES SHALL HAVE A 0-10 VOLT, 3-WIRE DIMMING DRIVER OR A TWO STEP (50%-100%) LINE VOLTAGE, TWO SWITCH CONTROLLER DIMMING

A. LED FIXTURES SHALL BE MODULAR AND ALLOW FOR SEPARATE REPLACEMENT OF

- A. LED LAMPS SHALL HAVE A COLOR TEMPERATURE 3500° K, A CRI OF 80 MINIMUM, AND A LUMEN MAINTENANCE L70 RATING OF 50,000 HOURS MINIMUM.
- A. LED DRIVERS SHALL BE ELECTRONIC-TYPE, LABELED AS COMPLIANT WITH RADIO FREQUENCY INTERFACE (RFI) REQUIREMENTS OF FCC TITLE 47 PART 15, AND COMPLY WITH NEMA SSL 1 "ELECTRONIC DRIVERS FOR LED DEVICES, ARRAYS OF SYSTEMS" LED DRIVERS SHALL HAVE A SOUND RATING OF "A" HAVE MINIMUM EFFICIENCY OF 85%, AND BE RATED FOR A THD OF LESS THEN 20% AT ALL
- B. DIMMABLE LED DRIVERS SHALL BE 0-10V TYPE. DIMMABLE DRIVERS SHALL BE CAPABLE OF DIMMING WITHOUT LED STROBING OR FLICKERING ACROSS THEIR
- C. DRIVERS SHALL BE RATED FOR THE AMBIENT TEMPERATURES IN WHICH THEY ARE LOCATED. OUTDOOR FIXTURES SHALL BE EQUIPPED WITH DRIVERS RATED FOR RELIABLE STARTING TO -20 DEGREES F. INDOOR FIXTURES LOCATED IN AREAS WITH DIRECT SUNLIGHT OR ABOVE NORMAL AMBIENT TEMPERATURE SHALL HAVE DRIVERS RATED AT 65 DEGREES C MINMUM.ABOVE NORMAL

AMBIENT TEMPERATURE

- <u>FIRE ALARM SYSTEM</u> A. PROVIDE AND INSTALL A FIRE ALARM SYSTEM COMPLYING WITH NFPA 72 AND THE
- NEC. FIRE ALARM SYSTEM SHALL BE UL LISTED. B. FIRE ALARM SYSTEM SHALL BE A SUPERVISED, NON-CODED, ADDRESSABLE SYSTEM
- WITH MANUAL AND AUTOMATIC ALARM INITIATION AND VOICE EVACUATION. C. MULTIPLEXED SIGNAL TRANSMISSION TO FIRE ALARM SERVICE.

ALARM, SUPERVISORY AND TROUBLE INDICATIONS

D. DEVICES INCLUDE BUT ARE NOT LIMITED TO:

NATIONAL FLECTRIC CODE

3. VOICE EVACUATION MASTER STATION.

4. DOUBLE ACTION MANUAL PULL STATIONS

- 1. MAIN FIRE ALARM CONTROL PANEL WITH EMERGENCY BATTERY POWER SUPPLY 2. REMOTE ANNUNCIATOR PANEL WHICH DUPLICATES FUNCTIONS OF THE FACP FOR
- 5 PHOTOELECTRIC SMOKE DETECTORS HEAT DETECTORS 7. DUCT SMOKE DETECTORS: PHOTOELECTRIC TYPE, COMPLETE WITH SAMPLING TUBE AND REMOTE TEST STATION
- 8. RELAY FAN SHUTDOWN: RATED TO INTERRUPT FAN MOTOR CONTROL CIRCUIT 9. VISUAL ONLY DEVICES: XENON STROBE LIGHT WITH CLEAR OR NOMINAL WHITE POLYCARBONATE LENS, THE WORD "FIRE" IS ENGRAVED ON THE LENS 10. AUDIO/VISUAL ALARM DEVICE: SPEAKER AND XENON STROBE LIGHT

11. DIGITAL COMMUNICATOR OR TAPE DIALER. SYSTEM SUPPLIER SHALL VERIFY WITH

AUTHORITY HAVING JURISDICTION FOR THE METHOD OF RECEIVING A TRANSMITTED FIRE ALARM SIGNAL.

- 1. INSTALL ALL SYSTEM WIRING IN METAL RACEWAY IN ACCORDANCE WITH THE
- 2. COLOR CODING: USE ONE COLOR FOR ALARM CIRCUIT WIRING AND A DIFFERENT COLOR FOR SUPERVISORY CIRCUITS PER MANUFACTURER'S WIRING INSTRUCTIONS. F. INSTALLATION
- SYSTEM. PREPARE FORMS FOR SYSTEMATIC RECORDING OF ACCEPTANCE TEST 2. PROVIDE EIGHT (8) HOURS OF TRAINING TO OWNERS MAINTENANCE PERSONNEL

1. ENGAGE A LICENSED, FACTORY AUTHORIZED SERVICE REPRESENTATIVE TO

G. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE: CERBERUS PYROTRONICS, EDWARDS SYSTEMS TECHNOLOGY, SIMPLEX TIME RECORDER CO., NOTIFIER OR LIFE SAFETY.

SUPERVISE PRETESTING, TESTING AND FINAL ADJUSTMENT OF THE

INSPECT, FIELD ASSEMBLE COMPONENTS AND CONNECTIONS;

KROMAC Design Inc. MECHANICAL-ELECTRICAL ENGINEERING 10225 Main Street, Victoria Park, Suite 10B Clarence, New York 14031 Phone: (716) 803-8787 Email: info@kromacdesign.com Project # 25-01-12

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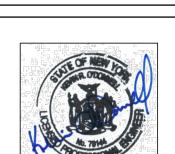
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TITLE:

ELECTRICAL **SPECIFICATIONS**



SA JOB #: 24101.02

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DATE:

DOFI PROPERTIES

117 Humboldt Parkway

PLUMBING FIXTURE SCHEDULE WATER MARK FIXTURE SYMBOL REMARKS SAN VENT CW HW TW MANUFACTURER: MANSFIELD, GERBER, KOLHER WC1 | WATER CLOSET 2" 1/2" MODEL: PER OWNER -BATHROOM LUSH TANK TYPE TOILET, 1.28 GPF WITH SLOW -10" ROUGH-IN CLOSED SEAT AND CLOSED TOILET SEAT MANUFACTURER: MANSFIELD, GERBER, KOLHER LV1 | LAVATORY -1/2" 1-1/2" 1/2" 1/2" -BATHROOM MODEL: PER OWNER, OVAL, COUNTER MOUNT -COUNTER MOUNT FAUCET: 4"CENTER, 1.5 GPM AND POP-UP DRAIN (SYMMONS, DELTA, MOEN) SH1 | SHOWER MANUFACTURER: CLARION, AMERICAN STANDARD, AQUATIC 1-1/2" 1/2" 1/2" MODEL: (LEFT/RIGHT), BASE AND SURROUND WITH SHOWER DOOR, SIZE PER ARCHITECTURAL PLANS, FAUCET: FIXED SHOWER HEAD (1.5 GPM), SINGLE HANDLE, PRESSURE BALANCING MIXING VALVE, GRID DRAIN (SYMMONS, DELTA, MOEN) MANUFACTURER: ELKAY, DAYTON, KOLHER KS1 KITCHEN SINK 1-1/2" 1/2" 1/2" MODEL: PER OWNER, SINGLE BOWL, COUNTER MOUNT -KITCHEN FAUCET: SINGLE HANDLE WITH HOSE SPRAY, 8"CENTER, -SINGLE BOWL 1.5 GPM AND DRAIN SYMMONS, DELTA, MOEN) MANUFACTURER: PER OWNER DW1 DISHWASHER 1"DRAIN MODEL: PER OWNER TO KS1 PROVIDED BY OWNER, INSTALLED BY PLUMBING CONTRACTOR / MANUFACTURER: OATEY WMB WASHER MACHINE BOX 1/2" 1/2" WASHING MACHINE BOX -PROVIDE WATER HAMMER 2) 1/4 TURN BALL VALVES ARRESTER (WHA) AND ONE 2"CENTER DRAIN WITH DRAIN PAIN AND 1"DRAIN IMB | ICE MACHINE BOX MANUFACTURER: OATEY 1/2" -KITCHEN ALVE BOX (1) 1/4 TURN BALL VALVE 3/4" 3/4" MANUFACTURER: BRADFORD WHITE WH1 | WATER HEATER MODEL: RE340S6+, 3.0 KW/3.0 KW 240V, 1 PHASE, 0.91 UEF, 40 GAL., -40 GAL -ELECTRIC SET TO 120°F, 14 GAL. REC. @ 90°F RISE, ELECTRIC HEATER (VITRAGLAS TANK LINING WITH MICROBAN) WITH INSULATED BLANKET AND DRAIN PAN OATEY ALUMINUM) 1"CPVCDRAIN LINE TO FLOOR DRAIN WITH 2"AIR GAP AMTROL MODEL: ST-5 EXPANSION TANK 3/4" 3/4" MANUFACTURER: BRADFORD WHITE WH2 | WATER HEATER MODEL: RE340S6+, 3.0 KW/3.0 KW 240V, 1 PHASE, 0.91 UEF, 40 GAL., -40 GAL -ELECTRIC SET TO 120°F, 14 GAL. REC. @ 90°F RISE, ELECTRIC HEATER (VITRAGLAS TANK LINING WITH MICROBAN) WITH INSULATED BLANKET AND DRAIN PAN (OATEY ALUMINUM) 1"CPVCDRAIN LINE TO FLOOR DRAIN WITH 2"AIR GAP AMTROL MODEL: ST-5 EXPANSION TANK <u> Caleffi</u> - model 5213959a - hot water temperature control MV1 | MIXING VALVE 3/4" 3/4" 3/4" /ALVE WITH BRONZE BODY CONSTRUCTION, SOLID WAX HYDRAULIC -WH1 & WH2 PRINCIPLE THERMOSTAT THAT CONTROLS BOTH HOT AND COLD WATER, NTEGRAL FILTER WASHERS AND CHECK VALVES, AND ADJUSTMENT CAP WITH LOCKING FEATURE SET TO PROVIDE MAXIMUM 110 DEG. F HOT AAV | AIR ADMITTANCE VALVE MANUFACTURER: OATEY -KITCHEN SINK SIZE PER DRAWING (PROVIDED AND INSTALLED BY PLUMBER)

PLUMBING FIXTURE NOTE: ALL PLUMBING FIXTURES TO BE APPROVED BY BUILDING OWNER REPRESENTATIVE PRIOR TO ORDERING.

PLUMBING FIXTURE NOTES:

- 1. ROUGH ACCORDING TO ABOVE SCHEDULE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- 2. PROVIDE ALL ACCESSORIES REQUIRED FOR A COMPLETE PLUMBING INSTALLATION AS SPECIFIED IN SPECIFICATIONS AND ON DRAWINGS.
- 3. PROVIDE ACCESS PANEL ON ALL NON-ACCESSIBLE CEILINGS BELOW PLUMBING VALVES.
- 4. REFER TO DRAWINGS FOR ADDITIONAL PLUMBING EQUIPMENT SPECIFICATIONS.
- 5. PLUMBING FIXTURES (TOILETS, LAVATORIES, SHOWERS, TUB/SHOWERS, KITCHEN SINKS AND ACCESSORIES) TO BE COORDINATED WITH OWNER'S REPRESENTATIVE.

LEGEND

—DCW/CW-- DOMESTIC COLD WATER —DHW/HW·-- DOMESTIC HOT WATER (115°F) —SAN/S———— SANITARY SEWER LINE --v---- VENT LINE -NG-NATURAL GAS LINE BALL VALVE CHECK VALVE ____ VENT THROUGH ROOF FLOOR DRAIN WITH TRAP FLOOR CLEANOUT DRAIN HUB WITH TRAP - DETAIL OR FLOOR PLAN NUMBER - DRAWING NUMBER

ABBREVIATIONS

DCW/CW DOMESTIC COLD WATER DHW/HW DOMESTIC HOT WATER TW TEMPERED WATER CIRC CIRCULATING HOT WATER NG NATURAL GAS SAN/S SANITARY SEWER V/VTVENT VENT THROUGH ROOF VTR FCO FLOOR CLEANOUT WCO WALL CLEANOUT POC POINT OF CONNECTION SOV SHUTOFF VALVE AFF ABOVE FINISHED FLOOR BFF BELOW FINISHED FLOOR AFG ABOVE FINISHED GRADE BFG BELOW FINISHED GRADE CFH CUBIC FEET PER HOUR MEP MECHANICAL-ELECTRICAL-PLUMBING AAVAIR ADMITTANCE VALVE DFU DRAINAGE FIXTURE UNIT WSFU WATER SUPPLY FIXTURE UNIT WHYWALL HYDRANT IMB ICE MACHINE BOX

GENERAL NOTES:

- A. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE SIZE AND GENERAL ARRANGEMENT OF PIPING, EQUIPMENT, ETC. EXACT LOCATIONS AND ROUTINGS SHALL BE DETERMINED IN THE FIELD BEFORE AND AS THE WORK PROGRESSES. CAREFULLY COORDINATE THE WORK OF THIS TRADE WITH ALL OTHER TRADES.
- B. DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATION, ETC. WHICH MAY BE REQUIRED BY ACTUAL FIELD CONDITIONS. THE CONTRACTOR IS TO FIELD VERIFY CONDITIONS PRIOR TO INSTALLATION AND MAKE SUCH CHANGES IN PIPING. EQUIPMENT LOCATIONS, ETC. AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS. COORDINATE ALL CHANGES WITH OTHER TRADES AND ARCHITECT/ENGINEER.
- C. ALL CUTTING AND PATCHING OF BUILDING COMPONENTS REQUIRED TO ACCOMMODATE THE WORK OF THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THIS CONTRACT. ALL PATCHING SHALL MATCH THE EXISTING COMPONENTS AND FINISHES. CUTTING AND PATCHING WORK SHALL BE PERFORMED BY PERSONNEL TRAINED AND REGULARLY EMPLOYED FOR SUCH
- D. PLUMBING CONTRACTOR TO PROVIDE ALL ACCESSORIES REQUIRED FOR COMPLETE AND OPERATIONAL SYSTEM..

GENERAL PLUMBING NOTES

1. GENERAL NOTES ARE APPLICABLE TO ALL PLUMBING WORKING DRAWINGS.

- 2. THE WORK SHALL BE EXECUTED IN STRICT CONFORMITY WITH BASE BUILDING SPECIFICATION AND WITH THE LATEST EDITION OF THE PREVAILING LOCAL PLUMBING AND BUILDING CODES AND ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
- 3. ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING WITH INSTALLATION.
- 4. NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION BY THE ENGINEER OF RECORD.
- 5. NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.
- 6. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
- 7. ROUGH-IN DIMENSIONS OF TOILET FIXTURES MUST BE COORDINATED WITH CONTRACTOR AND FIELD SUPERVISOR.
- 8. INSTALL BALL VALVES ON ALL BRANCH SUPPLY LINES.
- 9. PROVIDE ACCESS PANELS ON ALL INACCESSIBLE VALVES AND CLEANOUTS. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION. MOUNT SHUT-OFF VALVES NO HIGHER THAN 12'-8" AFF.
- 10. ALL WORK SHALL BE PROPERLY TESTED, BALANCED AND CLEANED. PROVIDE A ONE (1) YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
- 11. FOLLOW PDI STANDARDS FOR WATER HAMMER ARRESTORS.
- 12. CONTRACTOR SHALL COORDINATE WATER METER LOCATION AND INSTALLATION WITH LOCAL AUTHORITIES AND CIVIL DRAWINGS IF NOT EXISTING
- 13. SANITARY SEWER PIPING SHOWN IS BASED ON 0.125"/FT FOR 3"-6" & 0.25"/FT FOR 2 1/2" OR LESS FOR ALL PIPING. COORDINATE BUILDING SEWER LOCATION AND INVERT ELEVATION WITH CIVIL DRAWINGS.
- 14. SURE SEAL WATERLESS TRAP PRIMERS ARE TO BE PROVIDED AT ALL FLOOR DRAIN.

PLUMBING SPECIFICATIONS:

DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.

PLUMBING WORK SHALL BE AS INDICATED ON THE PLANS AND AS HEREIN SPECIFIED. WORK SHALL CONSIST OF PROVIDING A COMPLETE AND OPERATIONAL SYSTEM INCLUDING ALL FIXTURES, PIPING, VALVES, AND OTHER REQUIRED DEVICES, EQUIPMENT, ETC. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL STATE AND LOCAL CODE REQUIREMENTS. WHERE THERE ARE CONFLICTS BETWEEN THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS, THE CONTRACTOR SHALL MAKE ANY ADJUSTMENTS AS REQUIRED FOR COMPLIANCE WITH ALL CODES AND FOR APPROVAL OF THE SYSTEM. THE SYSTEM SHALL EXTEND TO AND CONNECT INTO THE EXISTING PROJECT WATER AND WASTE SYSTEM AS INDICATED ON THE DRAWINGS.

WHENEVER A MATERIAL, ARTICLE, OR PIECE OF EQUIPMENT IS IDENTIFIED ON THE DRAWINGS BY REFERENCE TO MANUFACTURERS' OR VENDORS NAMES, TRADE NAMES, CATALOG NUMBERS, OR THE LIKE, IT IS SO IDENTIFIED FOR THE PURPOSE OF ESTABLISHING A STANDARD, AND ANY MATERIAL, ARTICLE, OR PIECE OF EQUIPMENT OF OTHER MANUFACTURERS OR VENDORS WHICH WILL PERFORM ADEQUATELY THE DUTIES IMPOSED BY THE GENERAL DESIGN WILL BE CONSIDERED EQUALLY ACCEPTABLE PROVIDED THE MATERIAL, ARTICLE OR PIECE OF EQUIPMENT SO PROPOSED IS, IN THE OPINION OF THE ARCHITECT/ENGINEER, OF EQUAL SUBSTANCE, APPEARANCE, AND FUNCTION. THE MATERIAL, ARTICLE OR PIECE OF EQUIPMENT SHALL NOT BE PURCHASED OR INSTALLED BY THE CONTRACTOR WITHOUT THE ARCHITECT'S/ ENGINEER'S WRITTEN APPROVAL.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL, SHOP DRAWINGS AND/OR MANUFACTURERS SUBMITTAL DATA WITH CAPACITY AND CHARACTERISTICS OF ALL MATERIAL AND EQUIPMENT FOR APPROVAL PRIOR TO PURCHASE AND OR INSTALLATION OF THE WORK, A MINIMUM OF FIVE (5) COPIES SHALL BE SUBMITTED. SUBMITTALS SHALL BE IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT.

THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BEGINNING WORK FOR THE PURPOSE OF OBSERVING EXISTING CONDITIONS AND TO DETERMINE THE EXTENT OF THE WORK. THE CONTRACTOR SHALL MAKE ALLOWANCES FOR PROVIDING ALL MATERIAL, EQUIPMENT, AND LABOR AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS, SPECIFICATIONS, AND ALL CODE REQUIREMENTS.

ALL WATER PIPING SHALL BE TYPE "L" HARD COPPER WITH WROUGHT COPPER FITTINGS. JOINTS SHALL BE SOLDERED WITH LEAD FREE SOLDER. ALL EXPOSED PIPING SHALL BE CHROME PLATED. WASTE AND VENT SHALL BE SERVICE WEIGHT CAST IRON WITH EITHER NO-HUB OR "CHARLOTTE SEAL" JOINTS. NO-HUB JOINTS ARE NOT PERMITTED BELOW GRADE. ALL EQUIPMENT REQUIRING PLUMBING CONNECTIONS SHALL BE CONNECTED BY THE PLUMBER REGARDLESS OF WHO PROVIDES THE EQUIPMENT OR FIXTURE. UNDERGROUND WATER PIPING SHALL BE TYPE "K" COPPER OR SCHEDULE 40 PVC. FORCED MAINS SHALL BE PVC OR APPROVED EQUAL.

ALL HOT AND COLD WATER PIPING ABOVE GRADE SHALL BE INSULATED WITH (HOT/CIRCULATING WATER PIPING MINIMUM 1" THICK 3 PCF DENSITY FIBERGLASS PIPE COVERING WITH VAPOR BARRIER JACKET OR AS REQUIRED BY CODE), (COLD WATER PIPING 1/2"INSULATION UP TO 2" PIPE AND 1"INSULATION ON 2-1/2"PIPE AND ABOVE WITH 3 PCF DENSITY FIBERGLASS PIPE COVERING WITH VAPOR BARRIER JACKET OR AS REQUIRED BY CODE). ALL JOINTS SHALL BE LAPPED AND SEALED WITH AN APPROVED TYPE ADHESIVE AND END STRIPS AS RECOMMENDED BY THE INSULATION SUPPLIER AND/OR MANUFACTURER.

HORIZONTAL STORM/SEWER PIPING ABOVE GRADE SHALL BE INSULATED WITH MINIMUM 1" THICK 3 PCF DENSITY FIBERGLASS PIPE COVERING WITH VAPOR BARRIER JACKET OR AS REQUIRED BY CODE. ALL JOINTS SHALL BE LAPPED AND SEALED WITH AN APPROVED TYPE ADHESIVE AND END STRIPS AS RECOMMENDED BY THE INSULATION SUPPLIER AND/OR MANUFACTURER. (TO AVOID CONDENSATION) DRAIN HUBS TO BE INSULATED.

VACUUM BREAKERS SHALL BE PROVIDED FOR ALL HOSE CONNECTIONS AND OTHER POINTS WHERE CROSS CONTAMINATION CAN OCCUR. REDUCED PRESSURE BACKFLOW PREVENTERS SHALL BE PROVIDED WHERE REQUIRED BY AS INDICATED AND SCHEDULED ON THE PLANS. THE SYSTEM SHALL BE TESTED, CLEANED, AND DISINFECTED IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS.

THE ENTIRE PLUMBING SYSTEM SHALL BE UNCONDITIONALLY GUARANTEED FOR ONE (1) YEAR FROM ACCEPTANCE BY THE OWNER. ALL GUARANTEES SHALL BE WRITTEN, DATED, AND FORWARDED TO THE OWNER. ALL DEFECTIVE EQUIPMENT

AND/OR MATERIAL SHALL BE REPLACED AT NO EXPENSE TO THE OWNER. AT THE CONTRACTOR'S OPTION, PVC MAY BE UTILIZED ABOVE GRADE IN CONCEALED LOCATIONS FOR DWV SYSTEM, SUBJECT TO CODE COMPLIANCE.

APPROVAL FROM OWNER/TENANT OR LOCAL INSPECTOR IS REQUIRED. AT THE CONTRACTOR'S OPTION, PEX OR CPVC PIPING MAY BE UTILIZED ABOVE GRADE AND IN CONCEALED SPACES, SUBJECT TO CODE COMPLIANCE. APPROVAL FROM OWNER/TENANT OR LOCAL INSPECTOR IS REQUIRED. (HOT WATER PEX

PIPING TO BE INSULATED) PVC/CPVC PIPING SHALL HAVE A FLAME SPREAD RATING LESS THAN 25 AND A SMOKE DEVELOPMENT RATING LESS THAN 50.

GAS PIPING - SCHEDULE 40 BLACK STEEL WITH MALLEABLE SCREWED FITTING IN SIZE UP TO 3" AND OVER 3" TO BE SCHEDULE 40 BLACK STEEL WITH WELDED

NATURAL GAS PIPING - COORDINATE ALL NEW GAS LINES ROUTING PER PLANS IN FIELD. PAINT EXTERIOR GAS PIPING AND SUPPORTS TWO COATS EXTERIOR

INSTALL EQUIPMENT AND PIPING TO AVOID INTERFERENCE WITH THE OPERATION OR SERVICING AND MAINTENANCE OF EQUIPMENT.

PIPES PENETRATING FIRE WALLS AND FLOORS SHALL BE FIRESTOPPED AS SPECIFIED. REFER TO THE ARCHITECTURAL DRAWINGS FOR FIRE WALL AND FLOOR LOCATIONS.

ALL PHYSICAL ATTRIBUTES OF EQUIPMENT AND DEVICES ARE BASED ON THOSE MANUFACTURERS LISTED IN THE SPECIFICATIONS AND/OR THE EQUIPMENT SCHEDULES. THE RESPECTIVE CONTRACTORS ARE RESPONSIBLE FOR ALL CHANGES BROUGHT ABOUT BY USE OF ITEMS BY OTHER MANUFACTURERS. THE ARCHITECT/ENGINEER HAS RESERVED THE RIGHT TO REJECT ITEMS BY OTHER MANUFACTURERS IF THOSE ITEMS DO NOT MATCH THE PHYSICAL ATTRIBUTES OF THE MANUFACTURERS LISTED.

ALL PLUMBING SERVICE PIPING USE ON PROJECT TO MEET ALL STATE AND LOCAL CODES. COORDINATE USE OF PVC PIPING ABOVE AND BELOW GRADE WITH LOCAL AUTHORITIES PRIOR TO WORK START-UP. (NATURAL GAS, WASTE, STORM, VENT, DOMESTIC HOT, COLD AND CIRCULATING WATER LINES)

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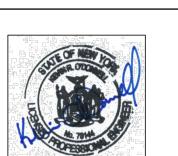
Humboldt Pkwy Apartments

> **117** Humboldt Parkway Buffalo, NY 14214

ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri PROJ. ARCH. DRAFTER B.Pacos

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>



TITLE:

SCHEDULES AND **SPECIFICATIONS**



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 24101.02

DATE:

DRAWING #: P-100

KROMAC Design Inc. MECHANICAL-ELECTRICAL ENGINEERING 10225 Main Street, Victoria Park, Suite 10B Clarence, New York 14031 Phone: (716) 803-8787 Email: info@kromacdesign.com Project # 25-01-12

Second washer and gas dryer here. — <u>Existing furnace</u> TO REMAIN <u>new washer machine</u> (NATURAL GAS) DRAIN LINE FROM NEW WASHER (HOSE) TO DRAIN HUB WITH TRAP ON EXISTING SEWER LINE (NEW) EXISTING WATER HEATER — TO BE DISCONNECTED AND REMOVED <u>NEW DRYER</u> — ─3/4"DOMESTIC COLD (NATURAL GAS) WATER LINE, (40 CFH) -EXISTING 3/4"DOMESTIC CONTINUE ON WATER SERVICE TO 1/P-103 (WH2) (NEW) APARTMENTS / 3 <u>NEW WATER</u> – <u>HEATER – 1</u> <u>NEW WATER</u> — -WATER METER BASEMENT HEATER-2 (CITY OF BUFFALO) FLOOR (ELECTRIC) (ELECTRIC) (1ST FLR APT) (2ND FLR APT) -DUAL CHECK VALVE (3/4") EXISTING MAIN SHUT-OFF VALVE (3/4") EXISTING
SUMP PIT \rightarrow EXISTING 3/4"DOMESTIC EXISTING ELECTRICAL PANEL WATER SERVICE TO APARTMENT -⊕ UP 10 EXIST DUAL CHECK BACKFLOW PREVENTER (DCBP) WATTS MODEL No. SERIES L7 (3/4") BASEMENT FLOOR PLAN DOMESTIC WATER SERVICE 01/SCALE: 1/4" = 1'-0"SCALE: NONE — EXISTING NATURAL GAS SERVICE, VERIFY LOCATION IN FIELD \FIRST FLOOR PLAN

GENERAL NOTES:

- A. DOMESTIC WATER REFER TO DOMESTIC WATER RISER DIAGRAM ON DRAWING 1/P-103.
- B. NATURAL GAS REFER TO NATURAL GAS RISER DIAGRAM ON DRAWING 2/P-103.
- C. DETAILS— REFER TO DETAILS ON DRAWING P-104.

- 1. NEW LAVATORY (LV1):
- 1.1. EXTEND EXISTING 1-1/2"WASTE LINE FROM EXISTING SANITARY LINE TO NEW LV1, 2"WASTE, 2"VENT AND 1-1/2"DRAIN WITH TRAP TO NEW LV1, CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- 1.2. EXTEND NEW WATER LINES (DHW & DCW) FROM EXISTING WATER LINES TO NEW LV1, 1/2"DCW/DHW WITH SHUT—OFF VALVES TO NEW LV1, CONNECT PER LOCAL AND STATE CODES.
- 2. NEW WATER CLOSET (WC1):
- 2.1. EXTEND EXISTING 3"WASTE LINE FROM EXISTING SANITARY SEWER LINE TO NEW WC1, 3"WASTE TO NEW WC1, VERIFY CONNECTION POINT IN FIELD. VERIFY/PROVIDE PROPER VENTING. CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- 2.2. EXTEND NEW WATER LINE (DCW) FROM EXISTING WATER LINE TO NEW WC1, 1/2"DCW TO NEW WC1 WITH SHUT—OFF VALVE, CONNECT PER LOCAL AND STATE CODES.

3. NEW SHOWER (SH1):

- 3.1. EXTEND EXISTING 1-1/2"WASTE LINE FROM EXISTING SANITARY LINE TO NEW SH1, 1-1/2" DRAIN WITH TRAP TO NEW SH1. CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS. VERIFY/PROVIDE PROPER VENTING.
- 3.2. EXTEND NEW WATER LINES (DCW & DHW) FROM EXISTING WATER LINES TO NEW SH1, 1/2"DCW/DHW WITH SHUT—OFF VALVES TO NEW SH1, CONNECT PER LOCAL AND STATE CODES.
- 4. NEW KITCHEN SINK (KS1):
- 4.1. EXTEND EXISTING 1-1/2"WASTE LINE FROM EXISTING SANITARY SEWER LINE TO NEW KS1, 1-1/2"WASTE, 1-1/2"VENT AND 1-1/2"DRAIN WITH TRAP TO NEW KS1. CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- 4.2. EXTEND NEW WATER LINES (DCW & DHW) FROM EXISTING WATER LINES TO NEW KS1, 1/2"DCW/DHW WITH SHUT—OFF VALVES TO NEW KS1, CONNECT PER LOCAL AND STATE CODES.
- 5. NEW DISHWASHER (DW1):
- 5.1. EXTEND/CUTBACK EXISTING 1"WASTE FROM NEW DW1 TO KS1 DRAIN AND CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- 5.2. EXTEND 1/2"DHW TO NEW DW1 WITH SHUT—OFF VALVE AND WATER HAMMER ARRESTER, CONNECT PER LOCAL AND STATE CODES.
- 6. NEW ICE MACHINE BOX (IMB):
- 6.1. NEW 3/8"DCW TO NEW IMB WITH SHUT-OFF VALVE, CAPPED FOR FUTURE USE.
- 7. NEW WASHER MACHINE (WMB)
- 7.1. EXTEND EXISTING 2"WASTE LINE FROM EXISTING SANITARY SEWER LINE TO NEW WMB, 2"WASTE, 2"VENT AND 2"DRAIN WITH TRAP TO NEW WMB. CONNECT PER MANUFACTURER'S
- RECOMMENDATION. REFER TO DETAIL 2/P-104.

 7.2. EXTEND EXISTING 1/2"DCW/DHW TO NEW WMB WITH SHUT-OFF VALVES AND WATER HAMMER ARRESTERS, CONNECT PER LOCAL AND STATE CODES. REFER TO DETAIL 2/P-104.
- 8. EXTEND AND CONNECT NEW SANITARY SEWER LINE TO EXISTING SANITARY SEWER LINE (EQUAL SIZE MIN.), VERIFY CONNECTION POINT IN FIELD.
- 9. EXTEND AND CONNECT NEW VENT LINE TO EXISTING VENT LINE (EQUAL SIZE MIN.), VERIFY CONNECTION POINT IN FIELD.
- 10. EXISTING PLUMBING FIXTURE AND ASSOCIATED PLUMBING SERVICES (WASTE, VENT, WATER) TO REMAIN.

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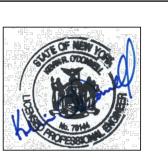
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ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri
PROJ. ARCH. DRAFTER B.Pacos

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>

SEAL:



TITLE:

BASEMENT AND FIRST FLOOR PLANS



SA JOB #: **24101.02**

DRAWING #:

P-101

DATE:

KROMAC Design Inc.

MECHANICAL-ELECTRICAL ENGINEERING
10225 Main Street, Victoria Park, Suite 10B
Clarence, New York 14031
Phone: (716) 803-8787
Email: info@kromacdesign.com
Project # 25-01-12

SECOND FLOOR PLAN -102/SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. DOMESTIC WATER REFER TO DOMESTIC WATER RISER DIAGRAM ON DRAWING 1/P-103.
- B. NATURAL GAS REFER TO NATURAL GAS RISER DIAGRAM ON DRAWING 2/P-103.
- C. DETAILS— REFER TO DETAILS ON DRAWING P-104.

⟨¬⟩ PLUMBING NOTES:

- NEW LAVATORY (LV1):
- 1.1. EXTEND EXISTING 1-1/2"WASTE LINE FROM EXISTING SANITARY LINE TO NEW LV1, 2"WASTE, 2"VENT AND 1-1/2"DRAIN WITH TRAP TO NEWLV1, CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- 1.2. EXTEND NEW WATER LINES (DHW & DCW) FROM EXISTING WATER LINES TO NEW LV1, 1/2"DCW/DHW WITH SHUT-OFF VALVES TO NEW LV1, CONNECT PER LOCAL AND STATE CODES.
- 2. NEW WATER CLOSET (WC1):
- 2.1. EXTEND EXISTING 3"WASTE LINE FROM EXISTING SANITARY SEWER LINE TO NEW WC1, 3"WASTE TO NEW WC1, VERIFY CONNECTION POINT IN FIELD. VERIFY/PROVIDE PROPER VENTING. CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- 2.2. EXTEND NEW WATER LINE (DCW) FROM EXISTING WATER LINE TO NEW WC1, 1/2"DCW TO NEW WC1 WITH SHUT-OFF VALVE, CONNECT PER LOCAL AND STATE CODES.
- 3. NEW SHOWER (SH1):
- 3.1. EXTEND EXISTING 1-1/2"WASTE LINE FROM EXISTING SANITARY LINE TO NEW SH1, 1-1/2" DRAIN WITH TRAP TO NEW SH1. CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS. VERIFY/PROVIDE PROPER VENTING.
- 3.2. EXTEND NEW WATER LINES (DCW & DHW) FROM EXISTING WATER LINES TO NEW SH1, 1/2"DCW/DHW WITH SHUT-OFF VALVES TO NEW SH1, CONNECT PER LOCAL AND STATE CODES.
- 4. NEW KITCHEN SINK (KS1):
- 4.1. EXTEND EXISTING 1-1/2"WASTE LINE FROM EXISTING SANITARY SEWER LINE TO NEW KS1, 1-1/2"WASTE, 1-1/2"VENT AND 1-1/2"DRAIN WITH TRAP TO NEW KS1. CONNECT PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- 4.2. EXTEND NEW WATER LINES (DCW & DHW) FROM EXISTING WATER LINES TO NEW KS1, 1/2"DCW/DHW WITH SHUT-OFF VALVES TO NEW KS1, CONNECT PER LOCAL AND STATE CODES.
- 5. NEW DISHWASHER (DW1):
- 5.1. EXTEND/CUTBACK EXISTING 1"WASTE FROM NEW DW1 TO KS1 DRAIN AND CONNECT PER
- MANUFACTURER'S WRITTEN RECOMMENDATIONS. 5.2. EXTEND 1/2"DHW TO NEW DW1 WITH SHUT-OFF VALVE AND WATER HAMMER ARRESTER, CONNECT PER LOCAL AND STATE CODES.
- 6. NEW ICE MACHINE BOX (IMB):
- 6.1. NEW 3/8"DCW TO NEW IMB WITH SHUT-OFF VALVE, CAPPED FOR FUTURE USE.
- 7. EXTEND AND CONNECT NEW SANITARY SEWER LINE TO EXISTING SANITARY SEWER LINE (EQUAL SIZE MIN.), VERIFY CONNECTION POINT IN FIELD.
- 8. EXTEND AND CONNECT NEW VENT LINE TO EXISTING VENT LINE (EQUAL SIZE MIN.), VERIFY CONNECTION POINT IN FIELD.

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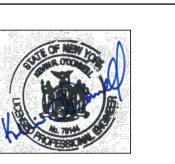
Humboldt Pkwy Apartments

117 Humboldt Parkway Buffalo, NY 14214

ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>

JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u>



TITLE:

SECOND FLOOR PLAN



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 24101.02

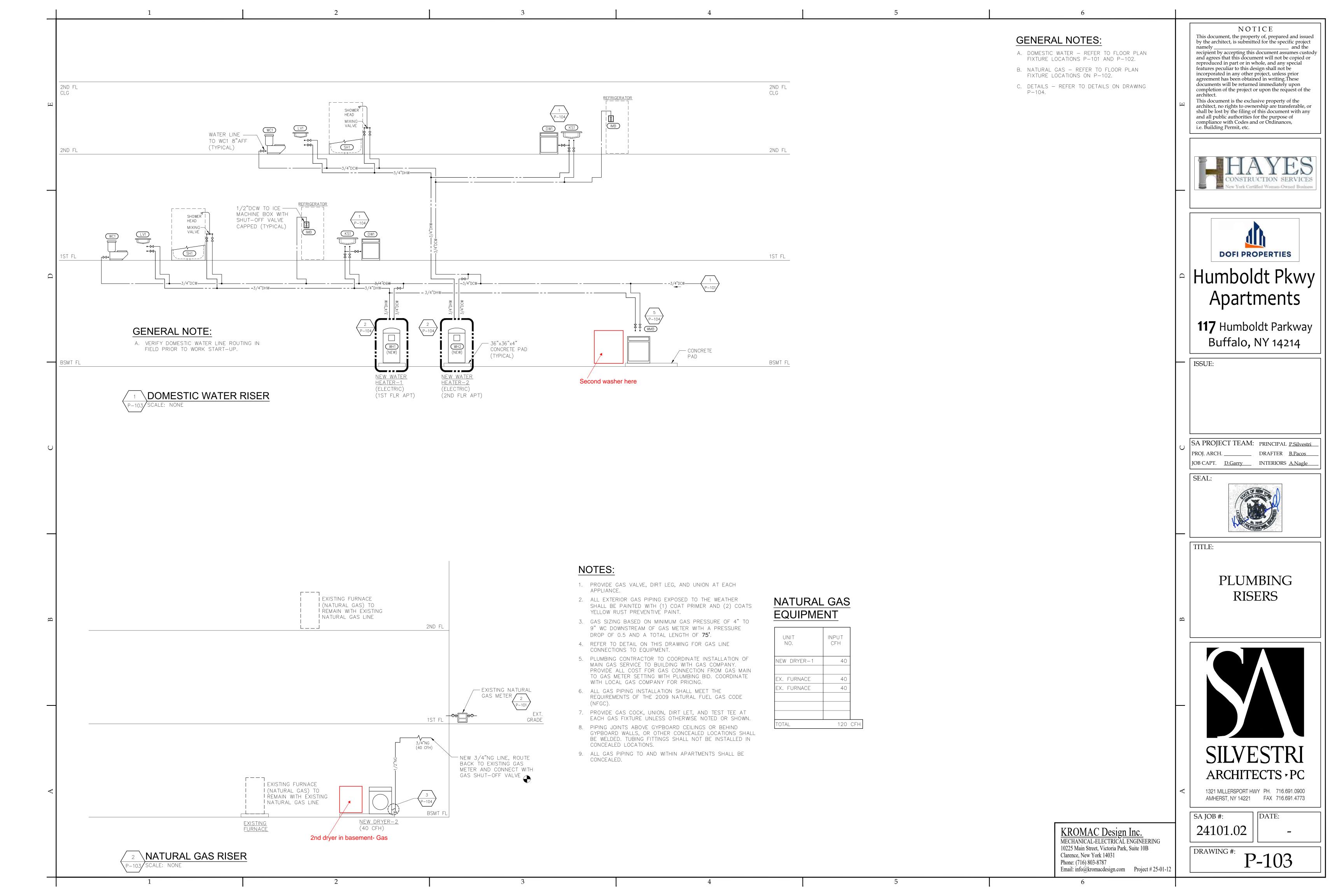
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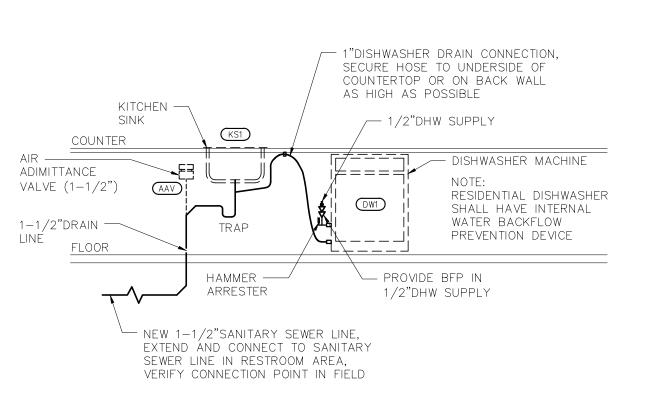
P-102

DATE:

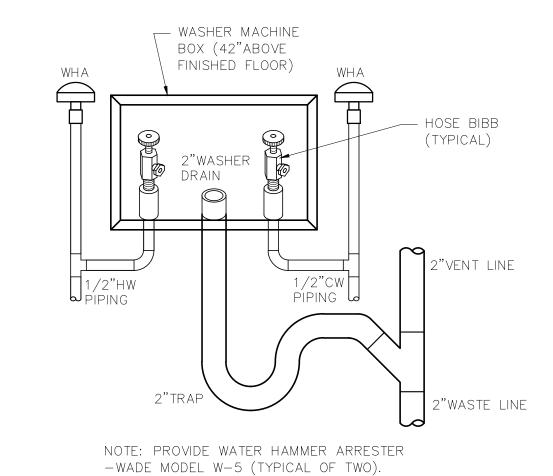
KROMAC Design Inc. MECHANICAL-ELECTRICAL ENGINEERING 10225 Main Street, Victoria Park, Suite 10B Clarence, New York 14031 Phone: (716) 803-8787

Email: info@kromacdesign.com Project # 25-01-12

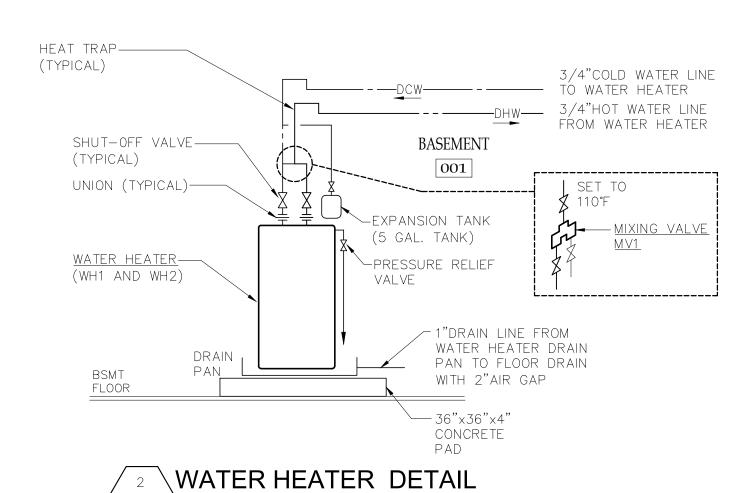




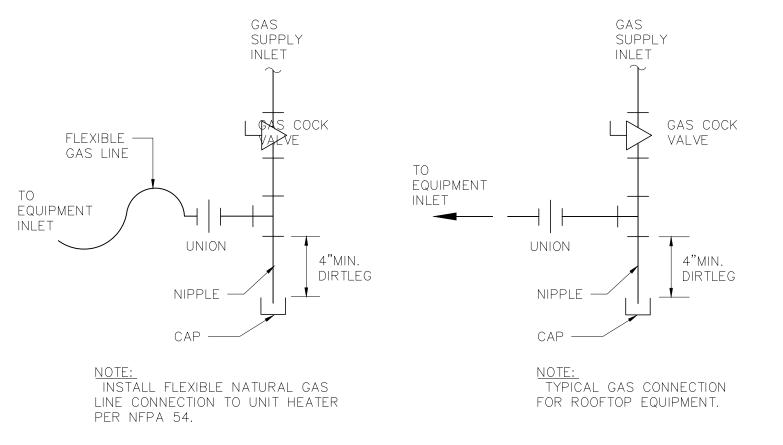
ISLAND KITCHEN SINK/DISHWASHER



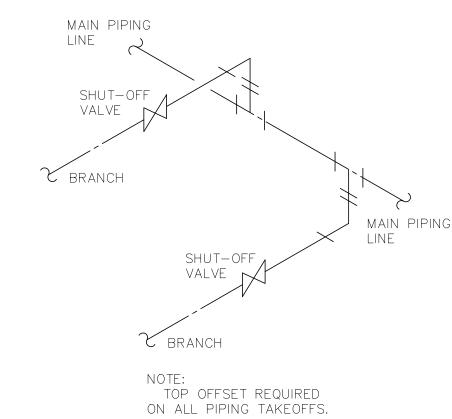
5 \WASHER MACHINE BOX (WMB)



P-104/SCALE: NONE







PIPING TAKE-OFF DETAIL

P-104/scale: none

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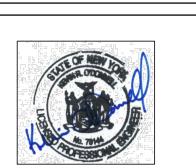




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117 Humboldt Parkway Buffalo, NY 14214

SA PROJECT TEAM: PRINCIPAL P.Silvestri PROJ. ARCH. _____ DRAFTER <u>B.Pacos</u>



DETAILS



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

DATE:

SA JOB #: 24101.02

DRAWING #: P-104

ISSUE: JOB CAPT. <u>D.Garry</u> INTERIORS <u>A.Nagle</u> TITLE:

Clarence, New York 14031

Phone: (716) 803-8787 Email: info@kromacdesign.com Project # 25-01-12

KROMAC Design Inc.
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